

Program EVALPLOT
(Version 2015-2)

by

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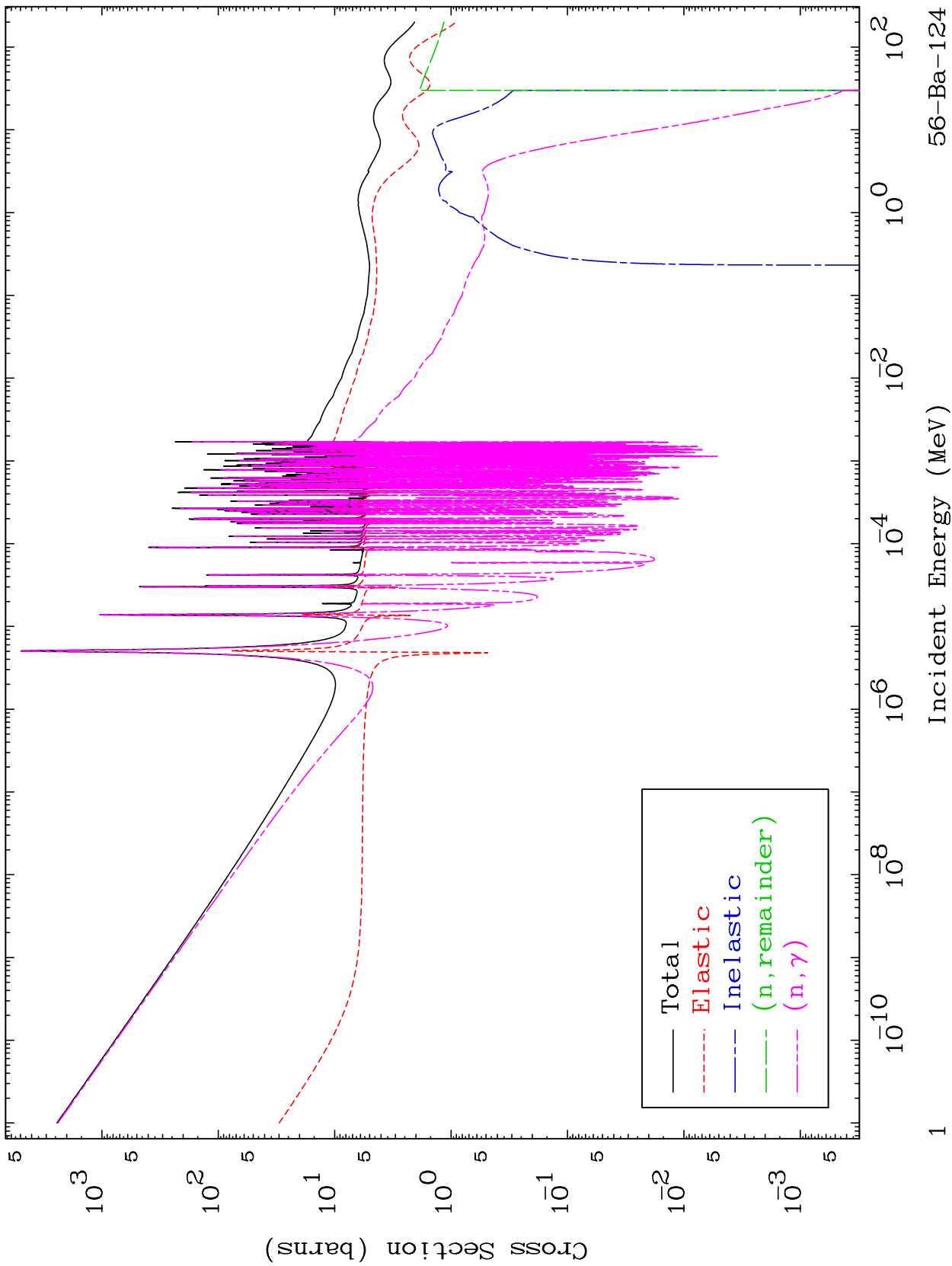
Press Mouse Button to Start

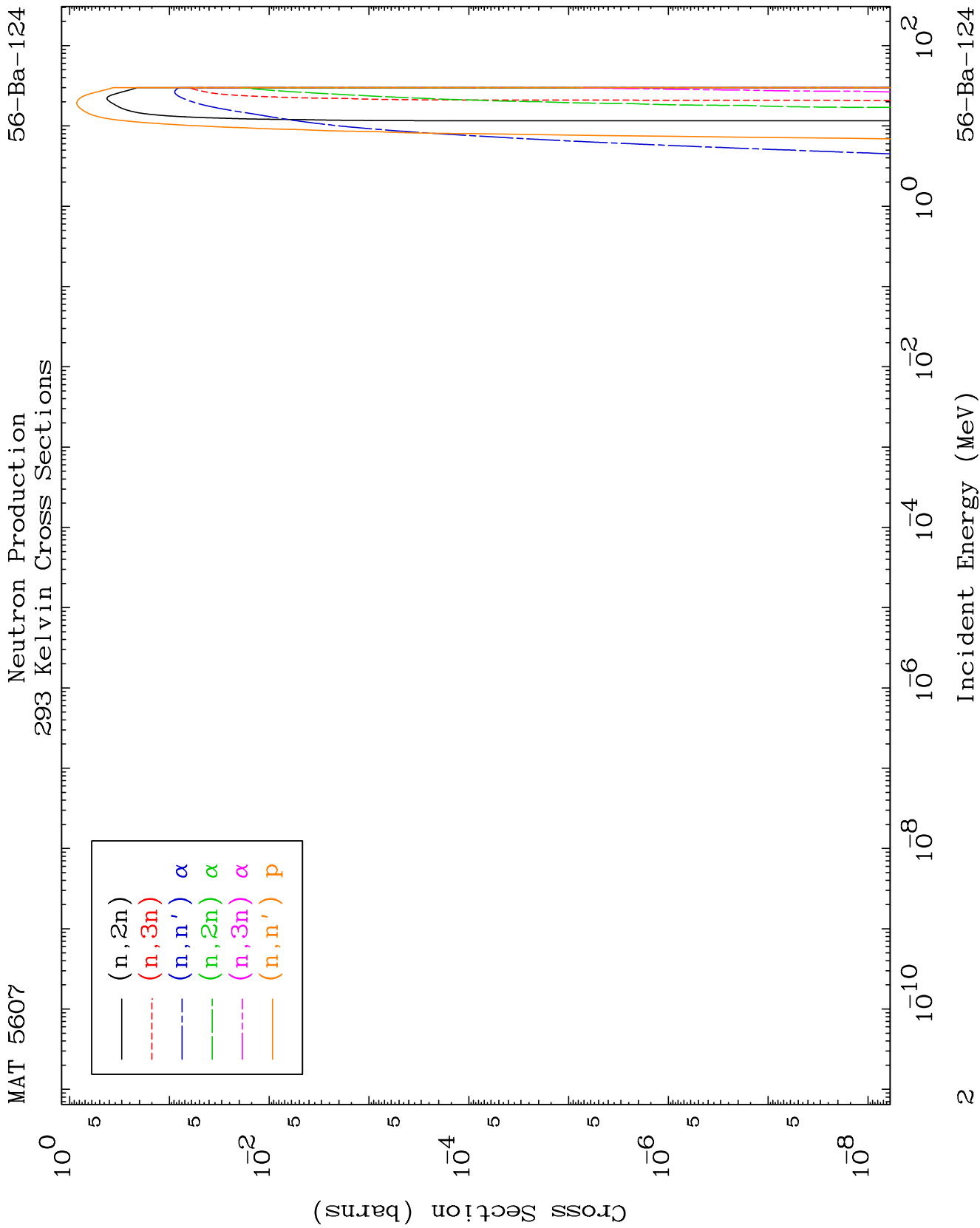
MAT 5607

Major

293 Kelvin Cross Sections

56-Ba-124

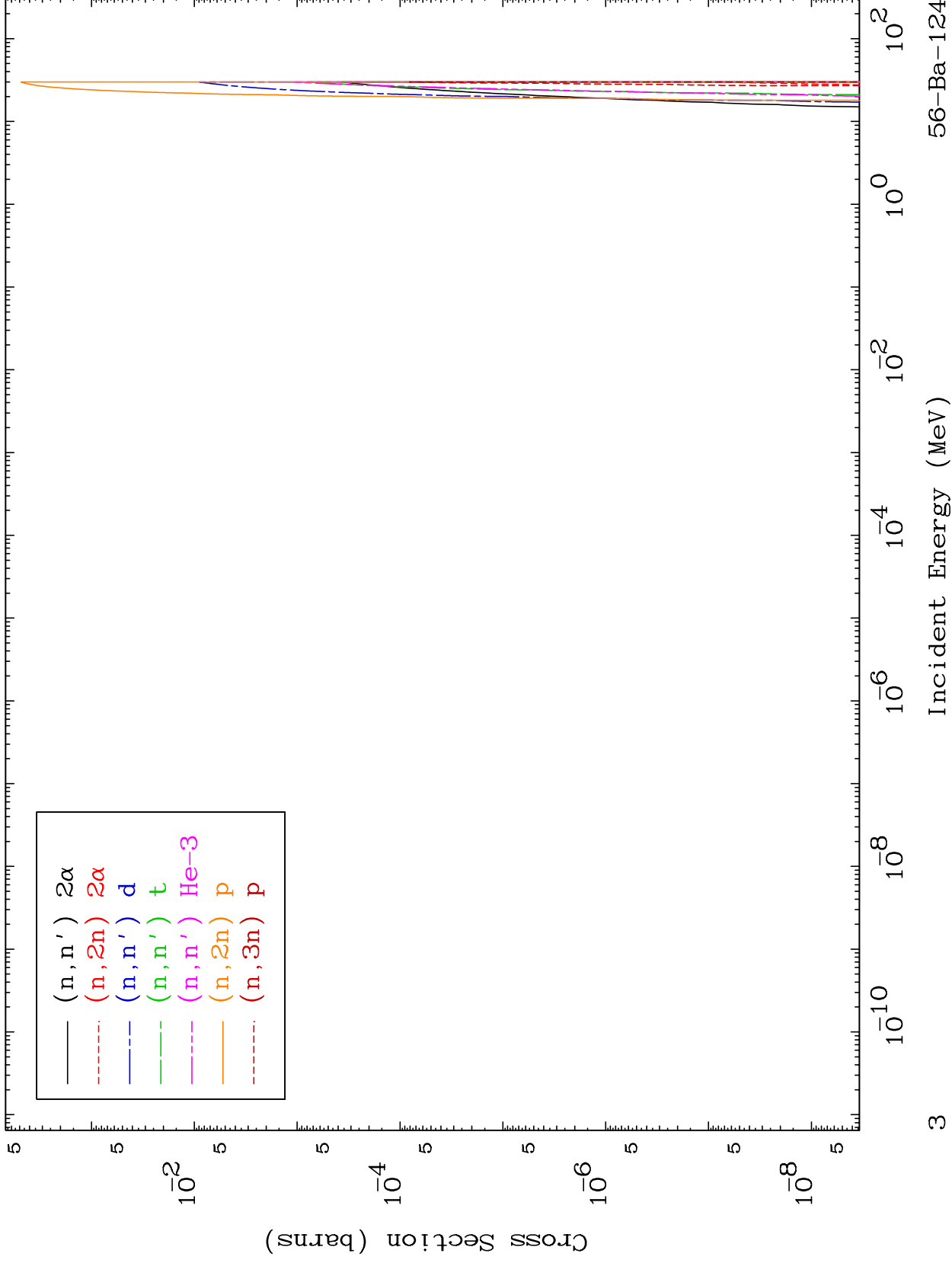




MAT 5607

Neutron Production
293 Kelvin Cross Sections

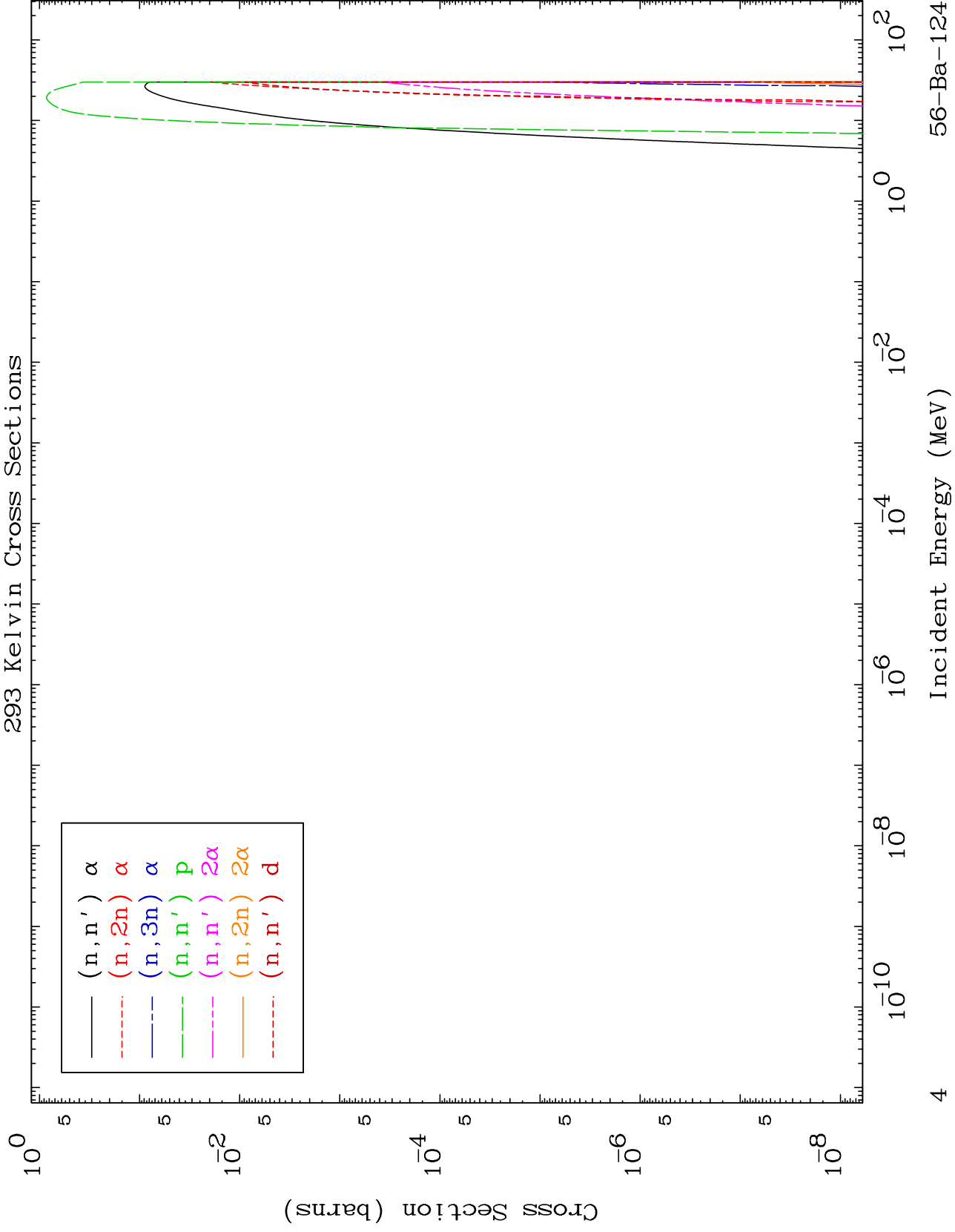
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

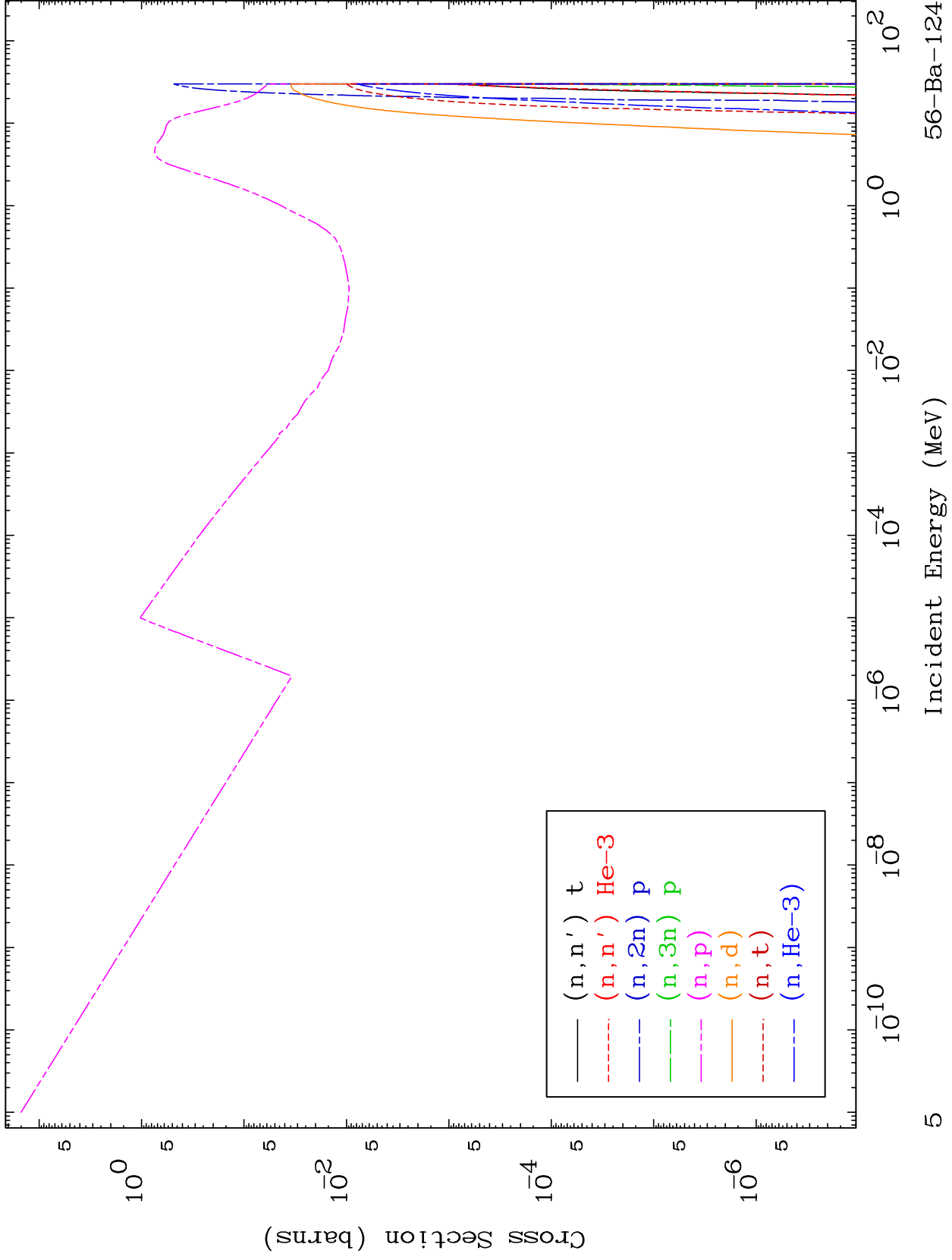
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

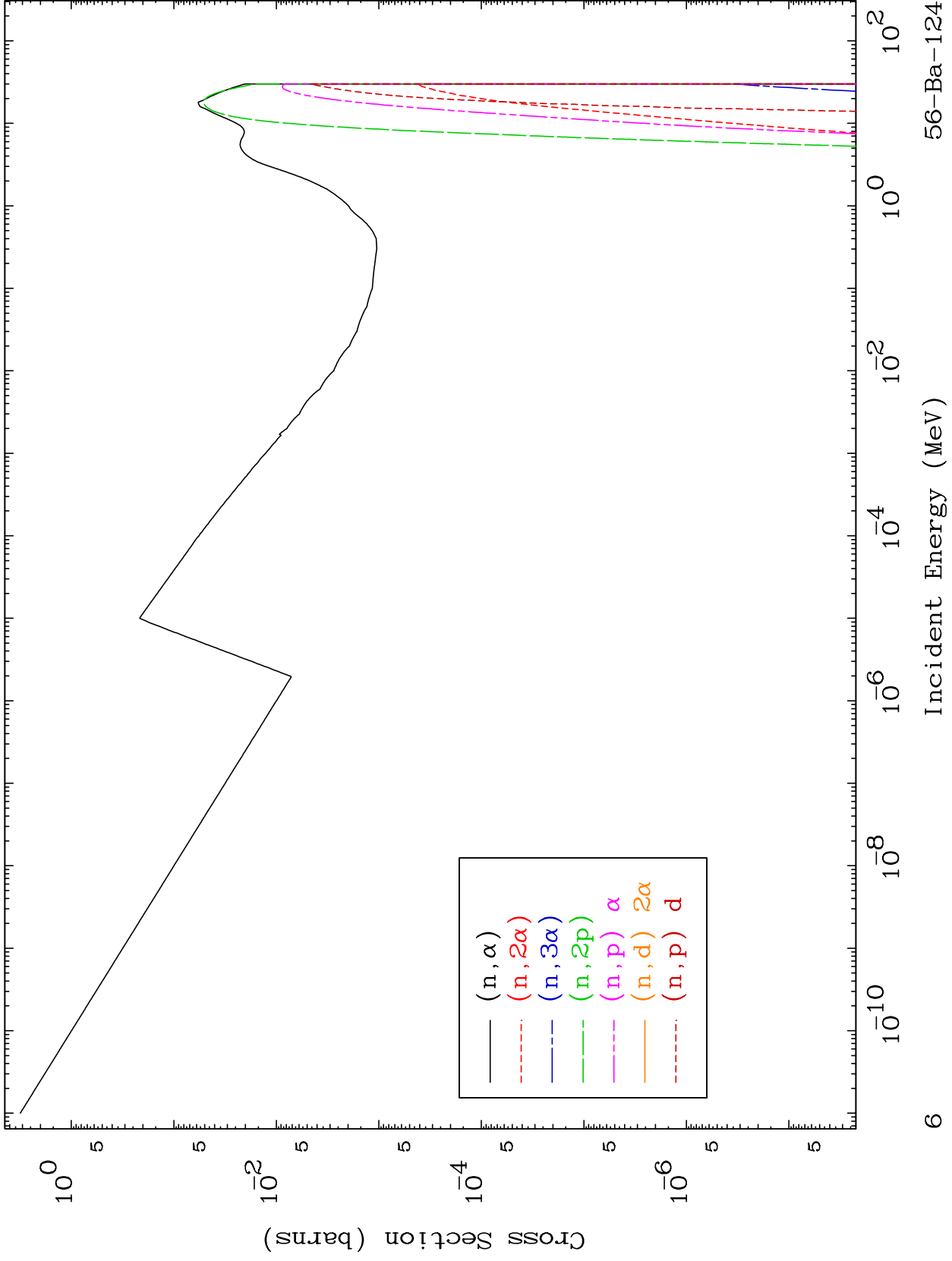
56-Ba-124



MAT 5607

Charged Particle
293 Kelvin Cross Sections

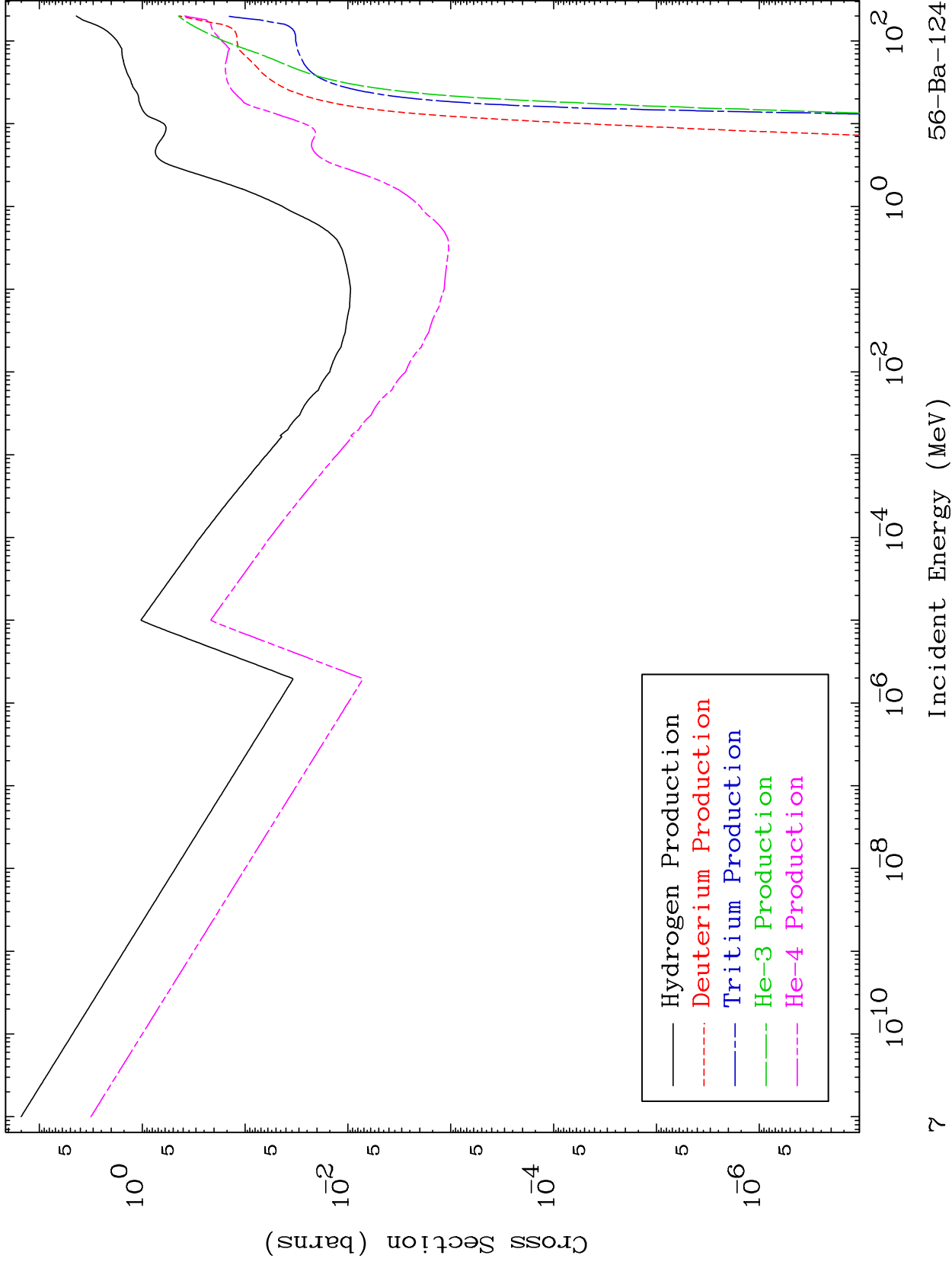
56-Ba-124



MAT 5607

Particle Production
293 Kelvin Cross Sections

56-Ba-124

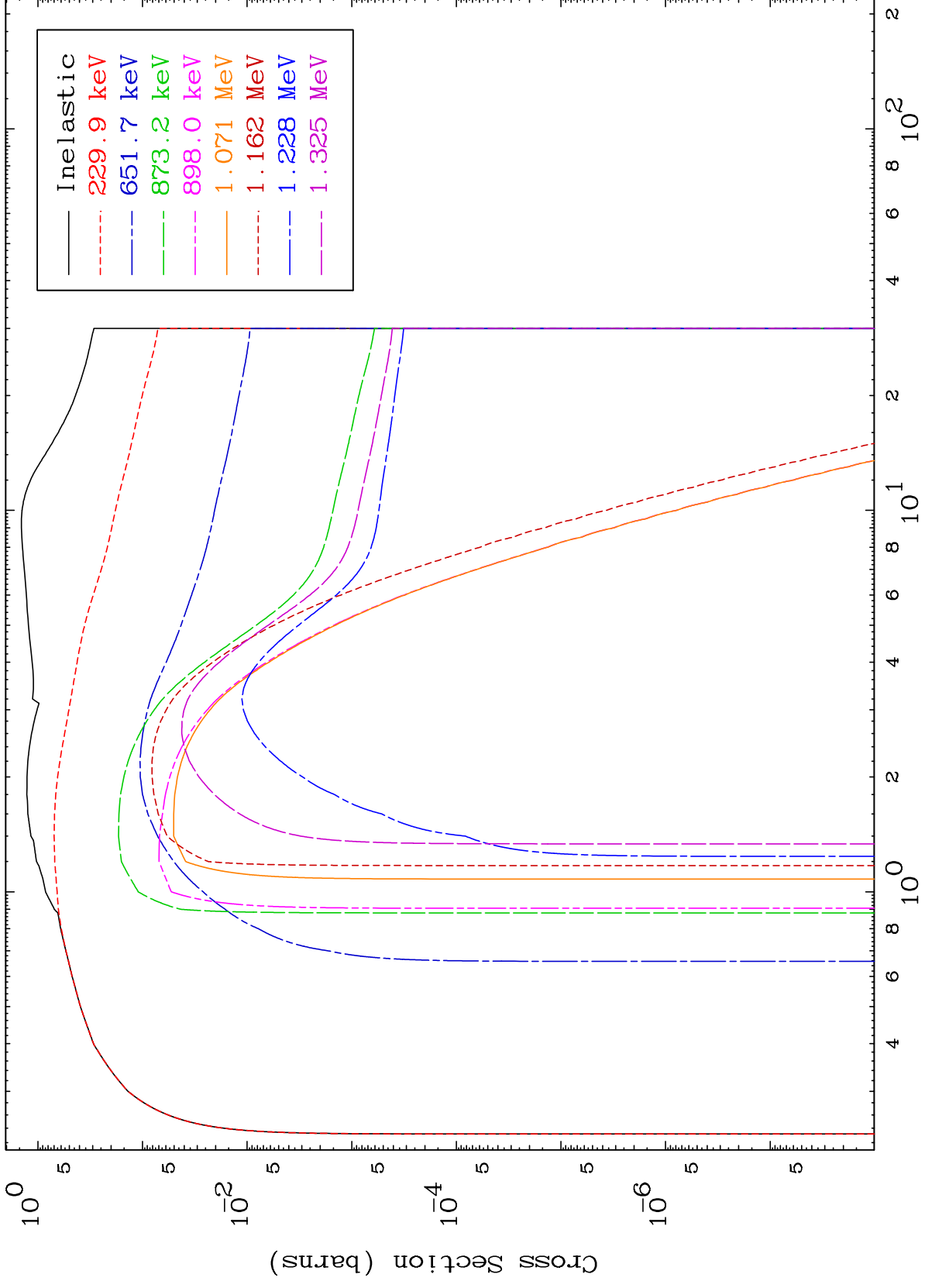


MAT 5607

(n,n') Level

56-Ba-124

293 Kelvin Cross Sections

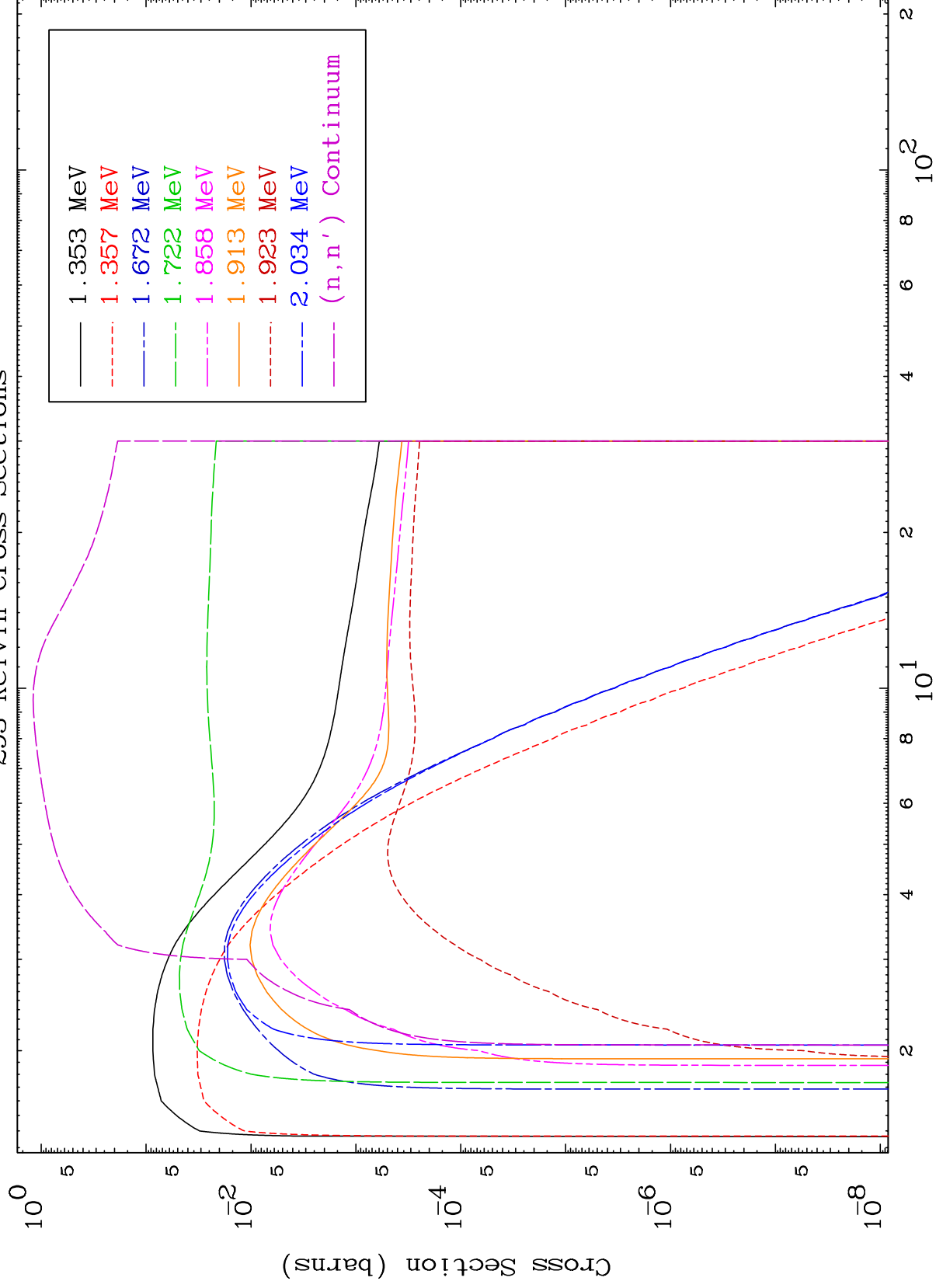


MAT 5607

(n,n') Level

56-Ba-124

293 Kelvin Cross Sections



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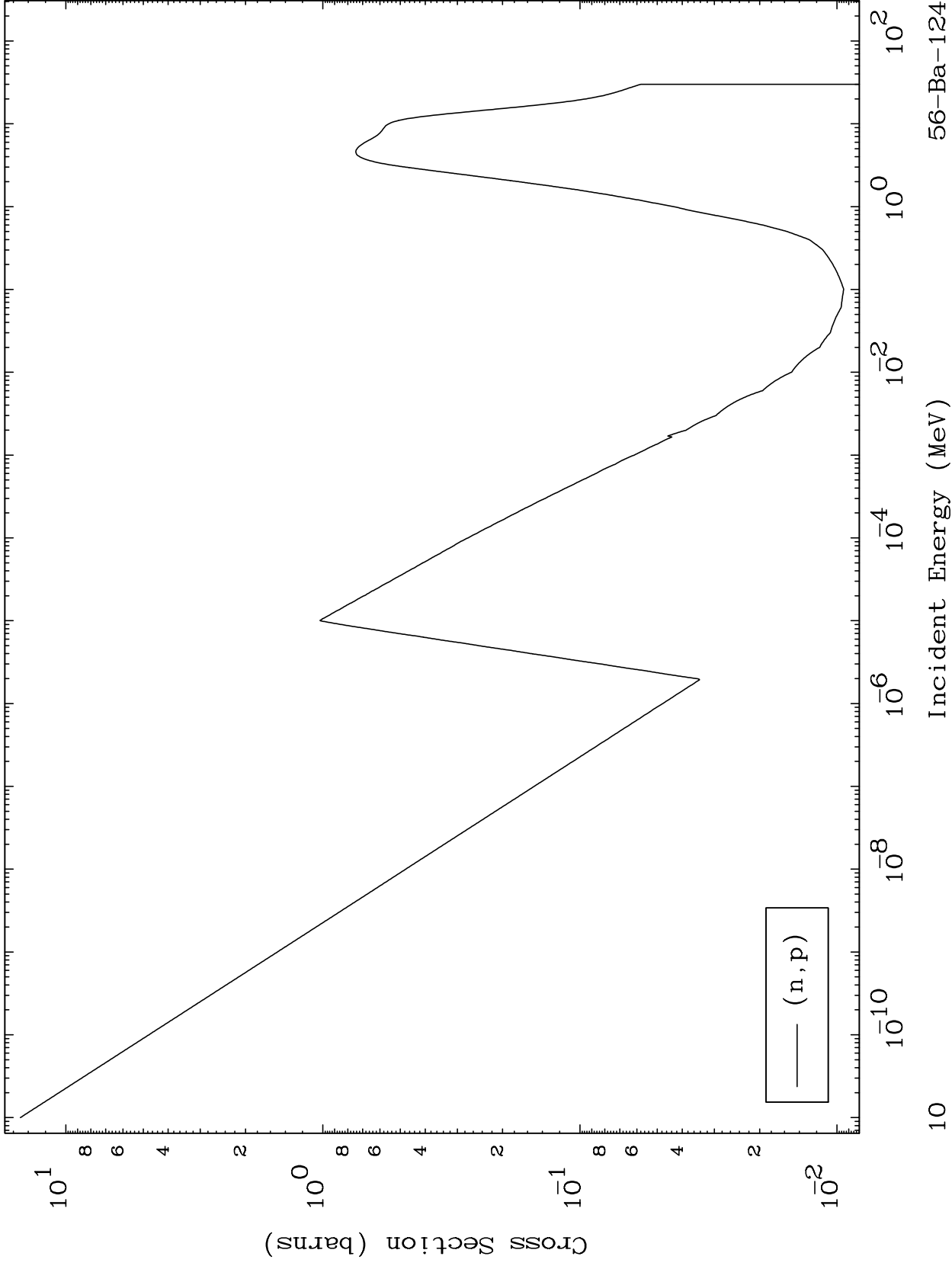
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,p) Levels
293 Kelvin Cross Sections

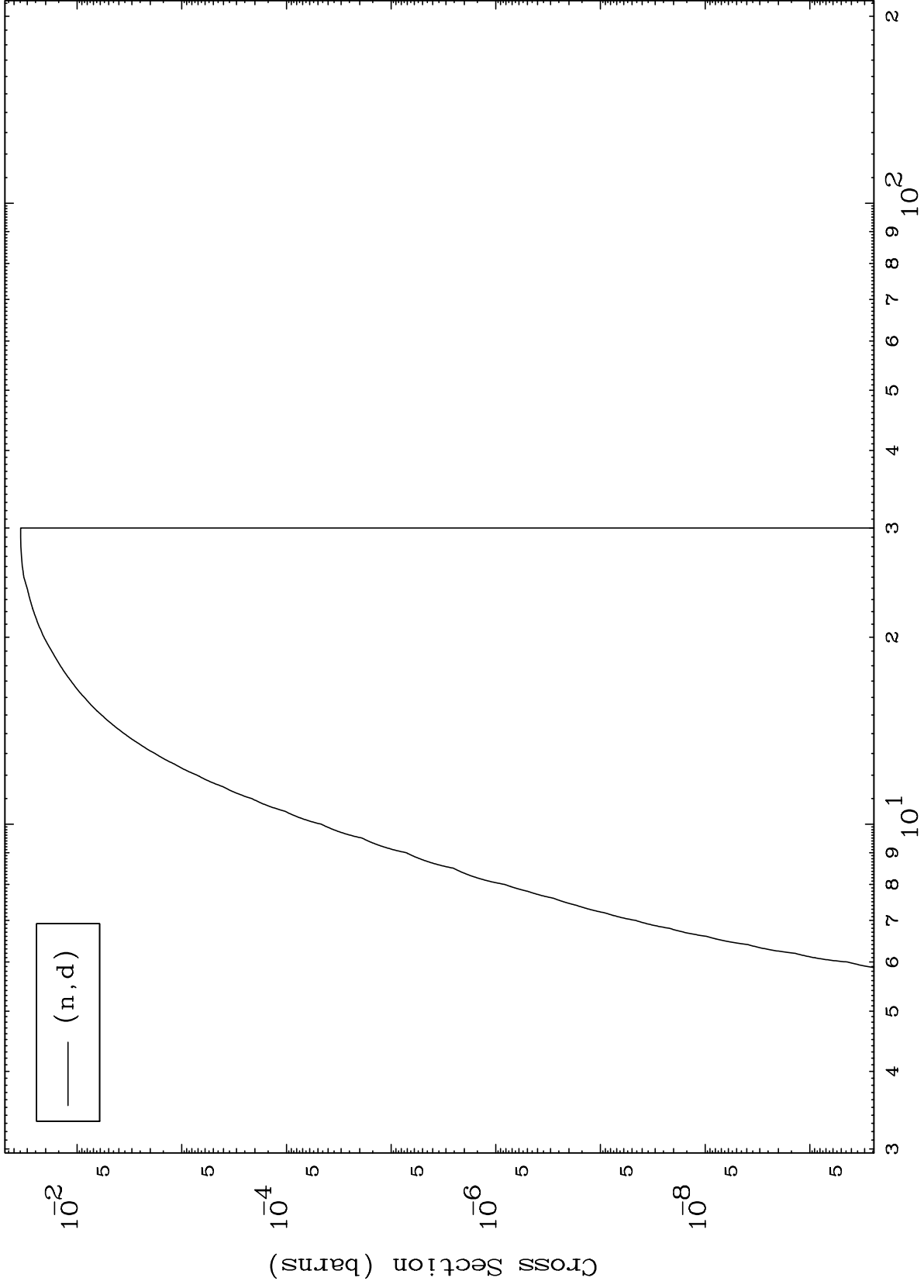
56-Ba-124



MAT 5607

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-124



11

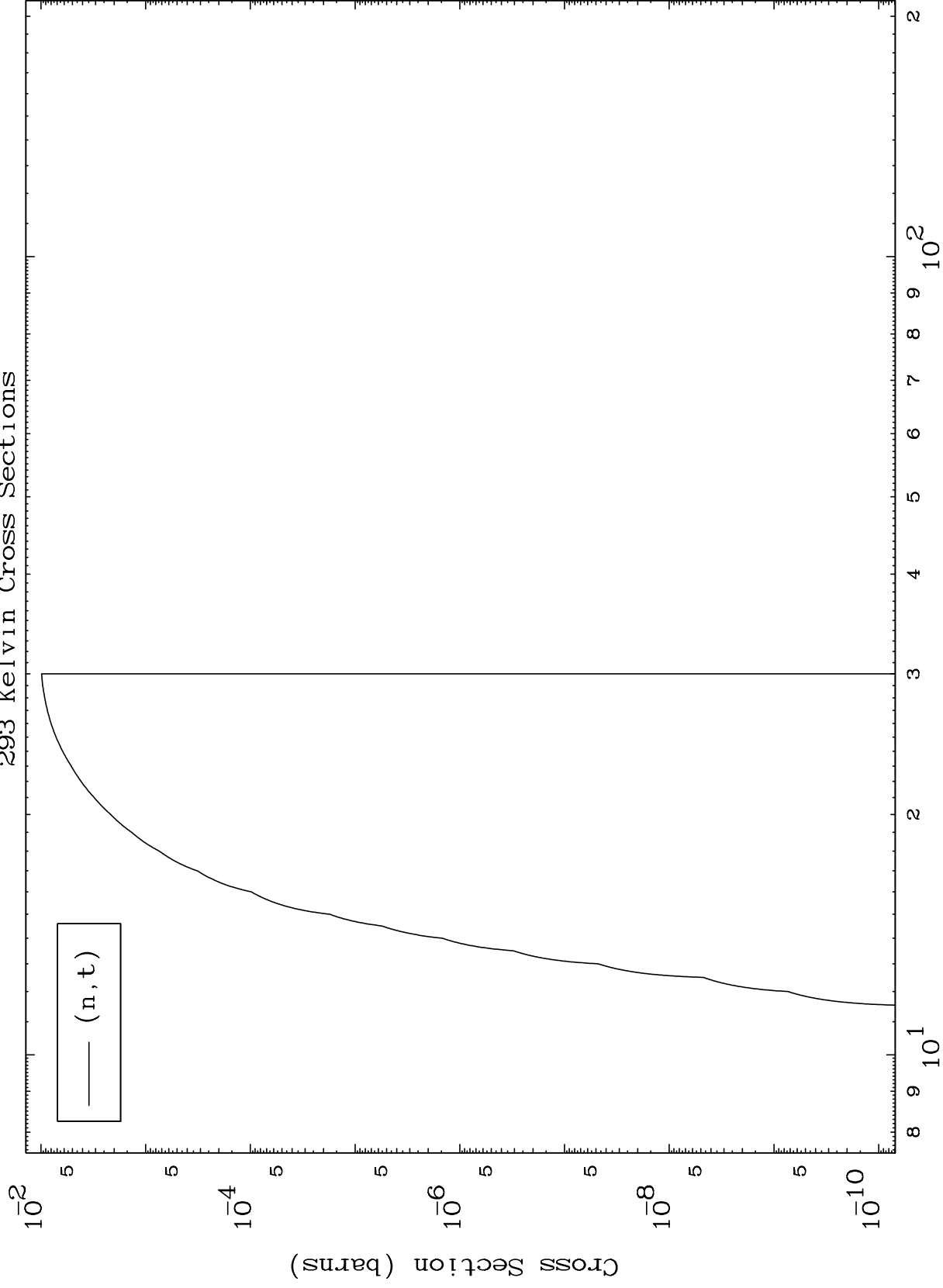
Incident Energy (MeV)

56-Ba-124

MAT 5607

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-124



12

Incident Energy (MeV)

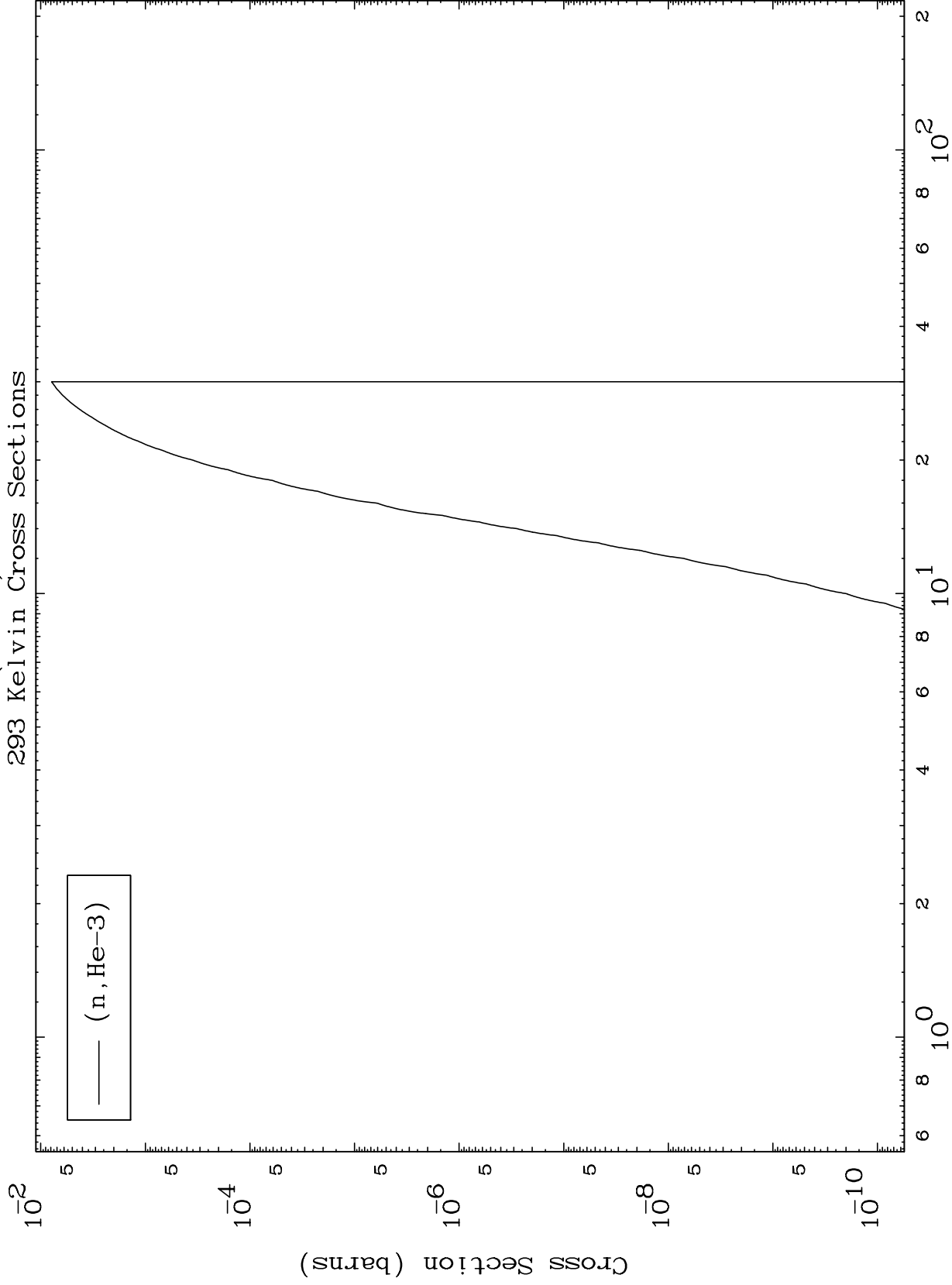
56-Ba-124

MAT 5607

(n,He3) Levels

56-Ba-124

293 Kelvin Cross Sections



Incident Energy (MeV)

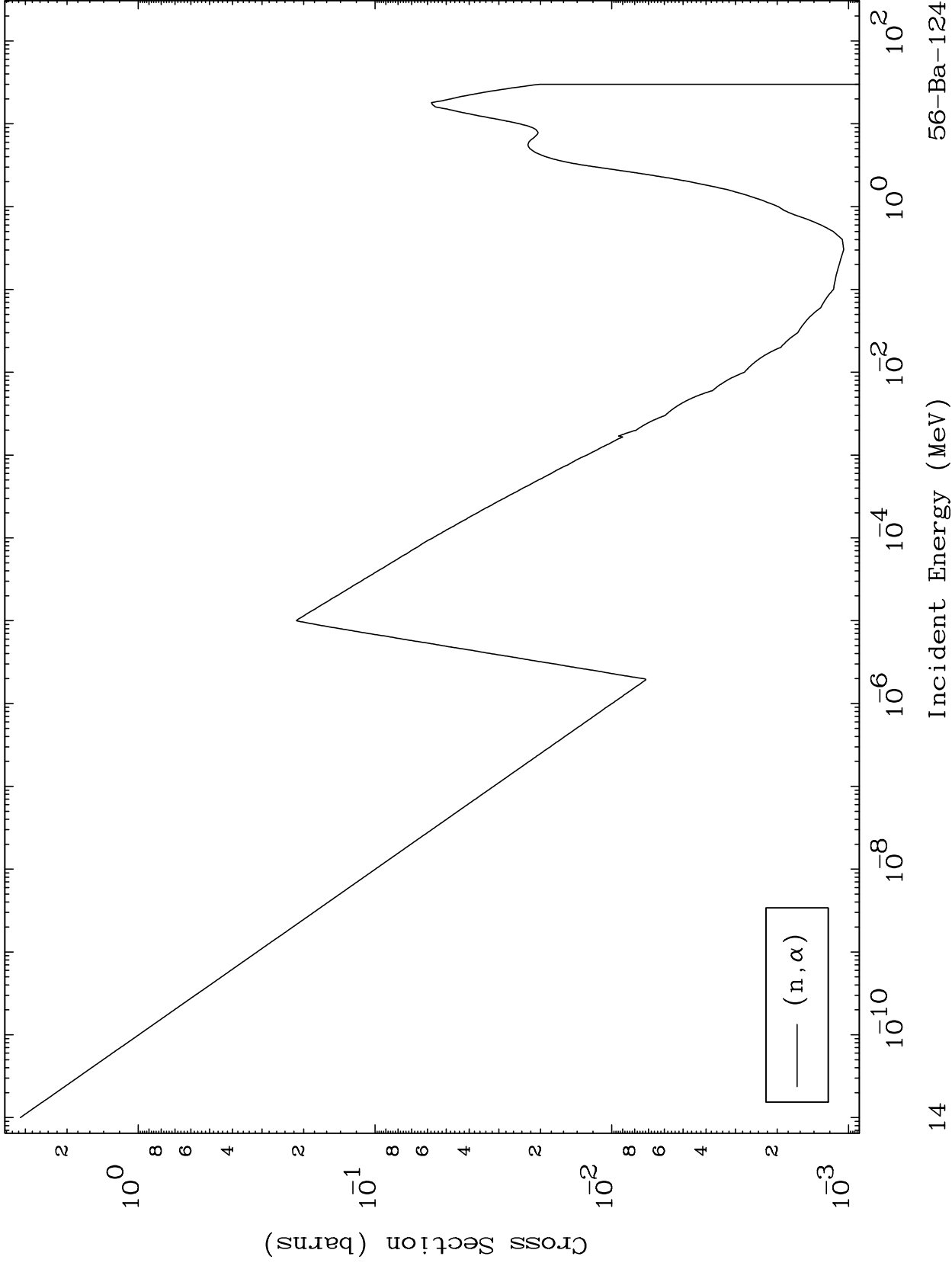
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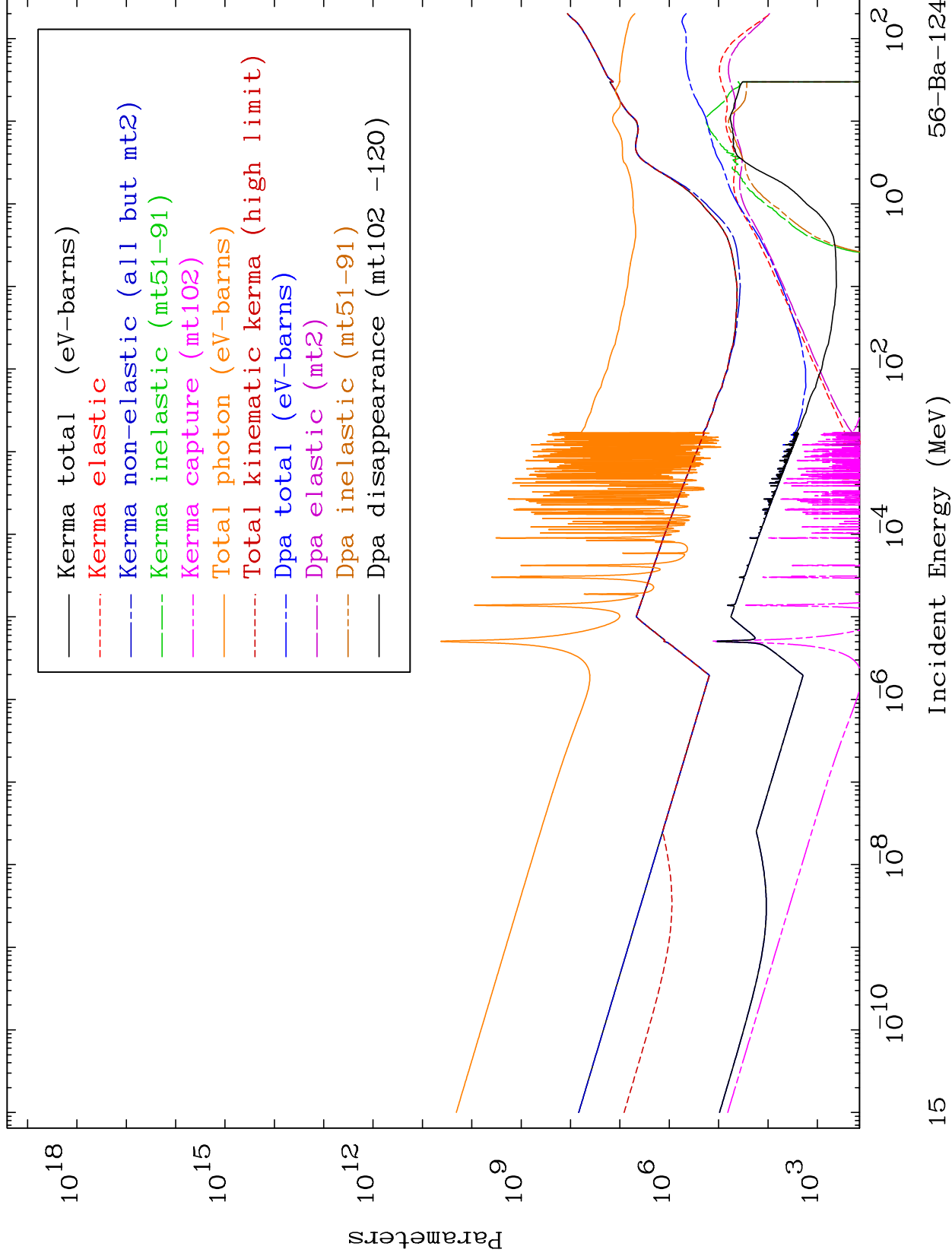
13

MAT 5607

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-124

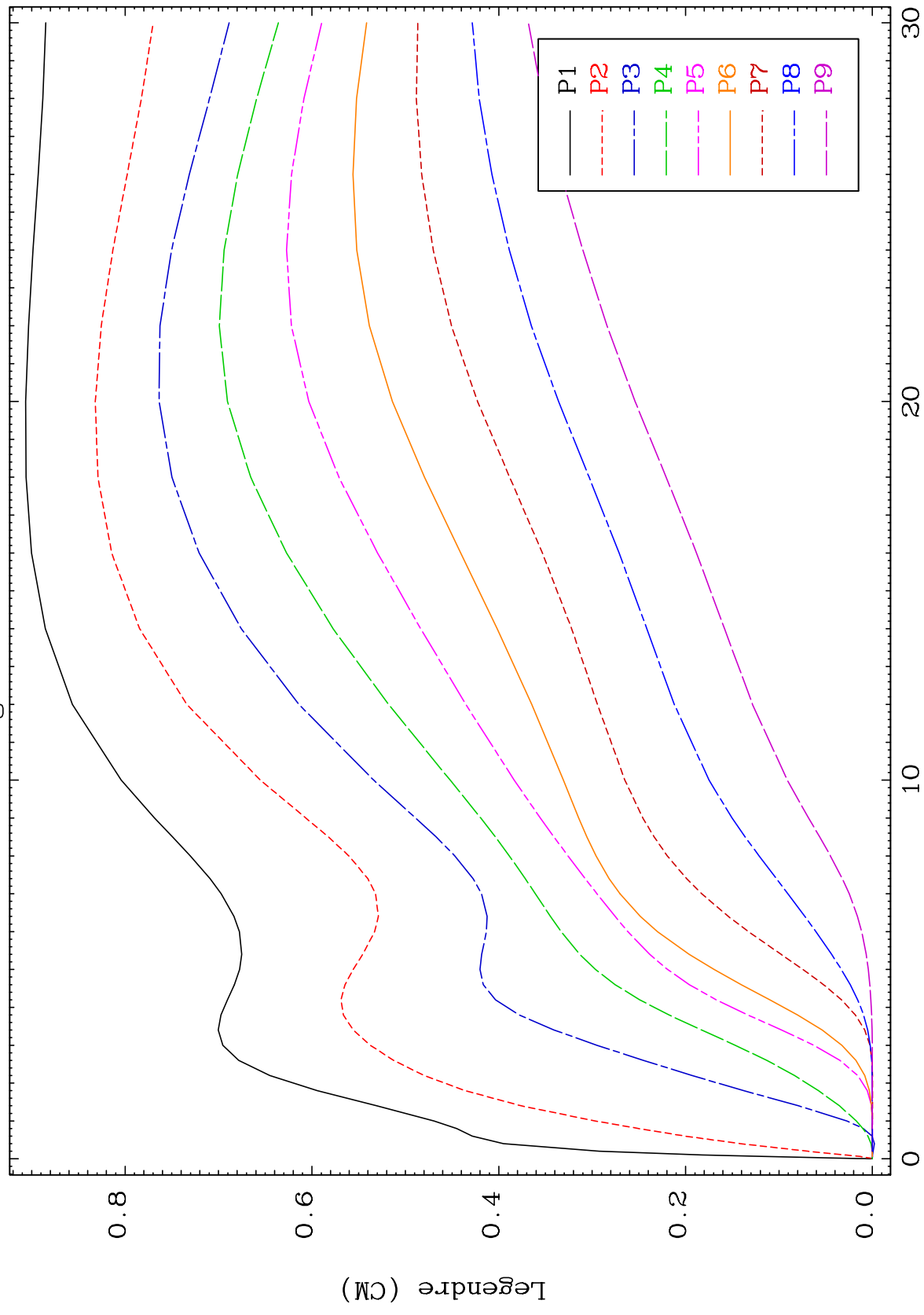




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Elastic Legendre Coefficients

56-Ba-124



16

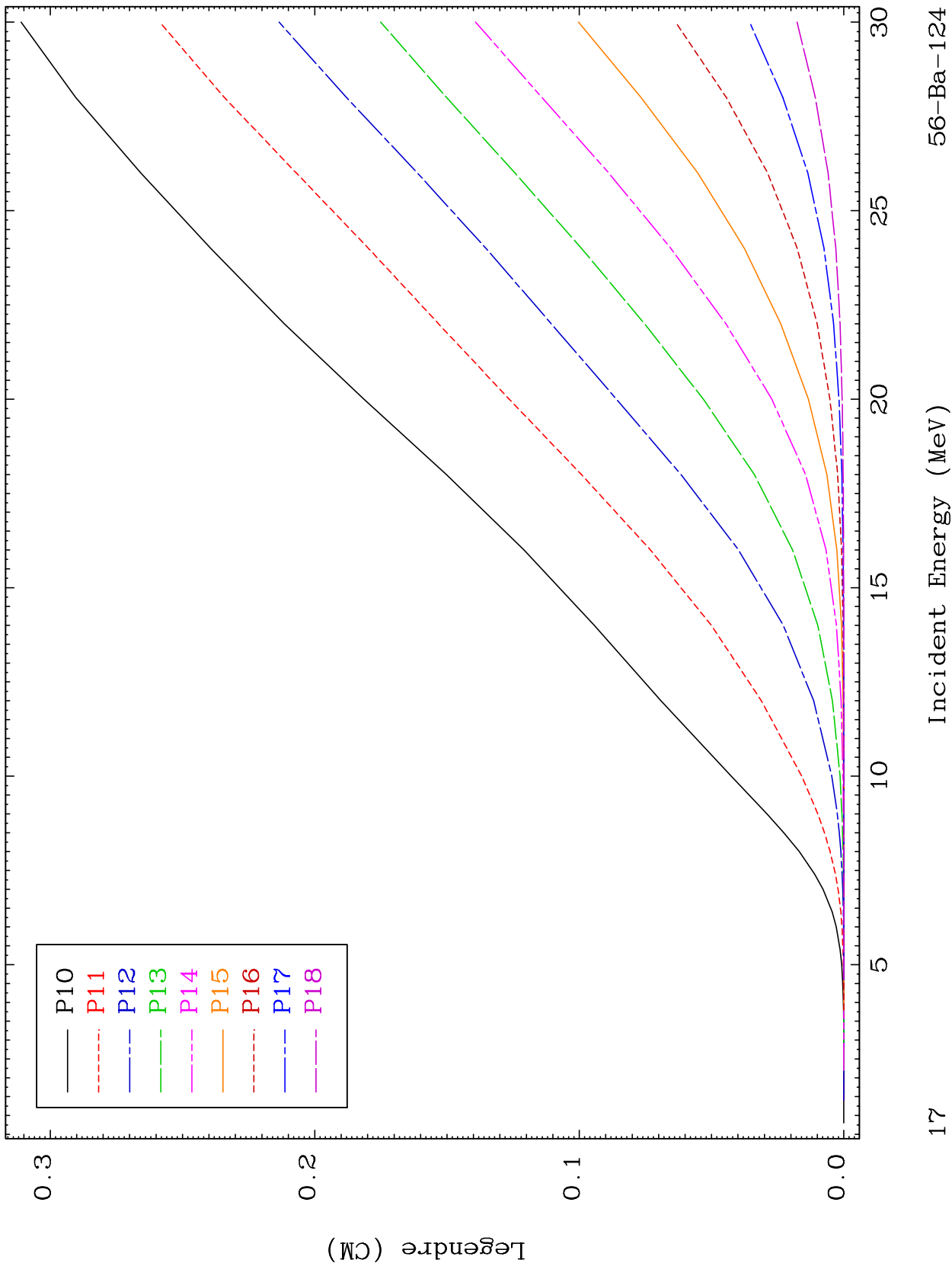
Incident Energy (MeV)

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



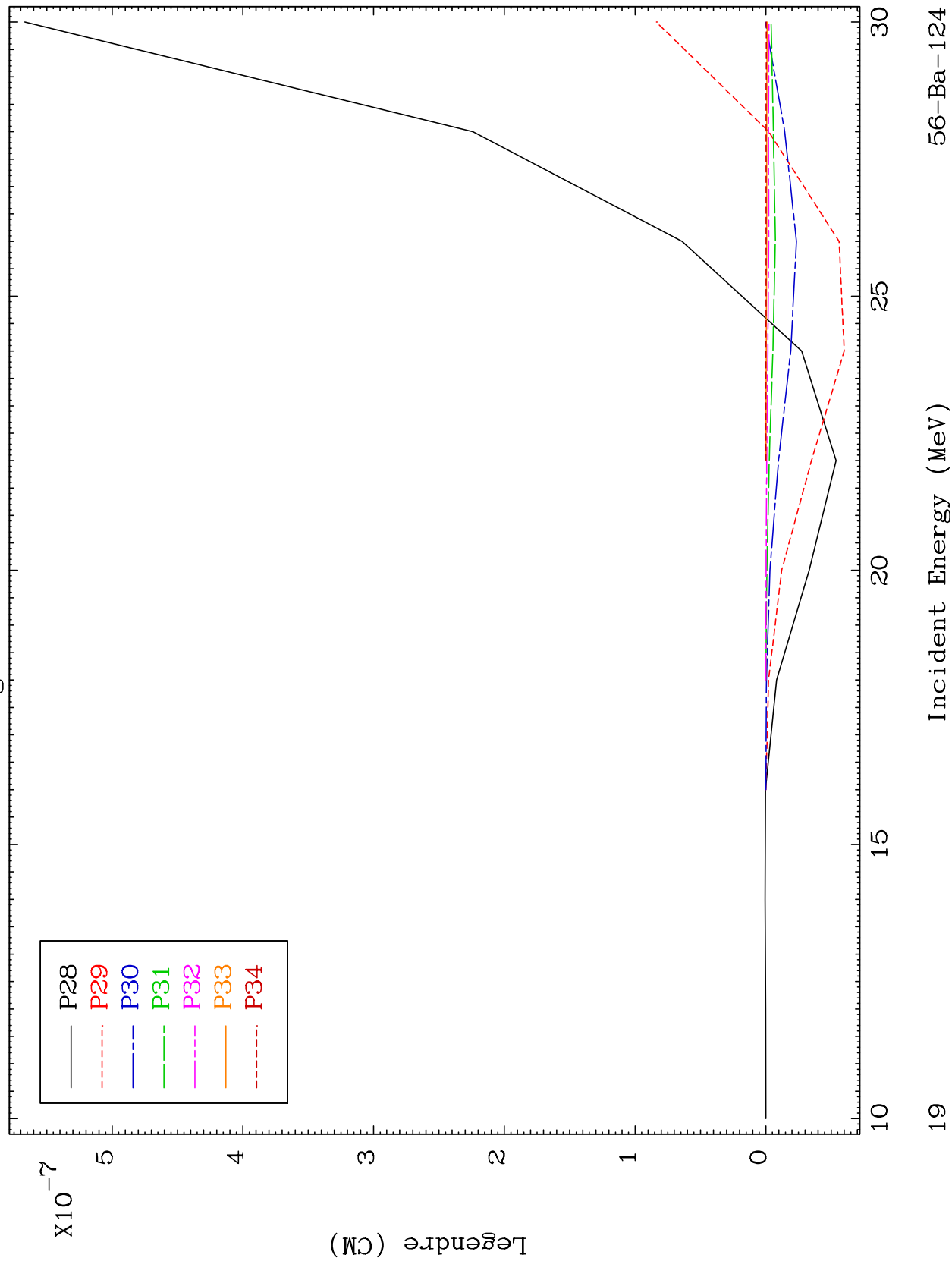
17

56-Ba-124

MAT 5607

Elastic Legendre Coefficients

56-Ba-124



19

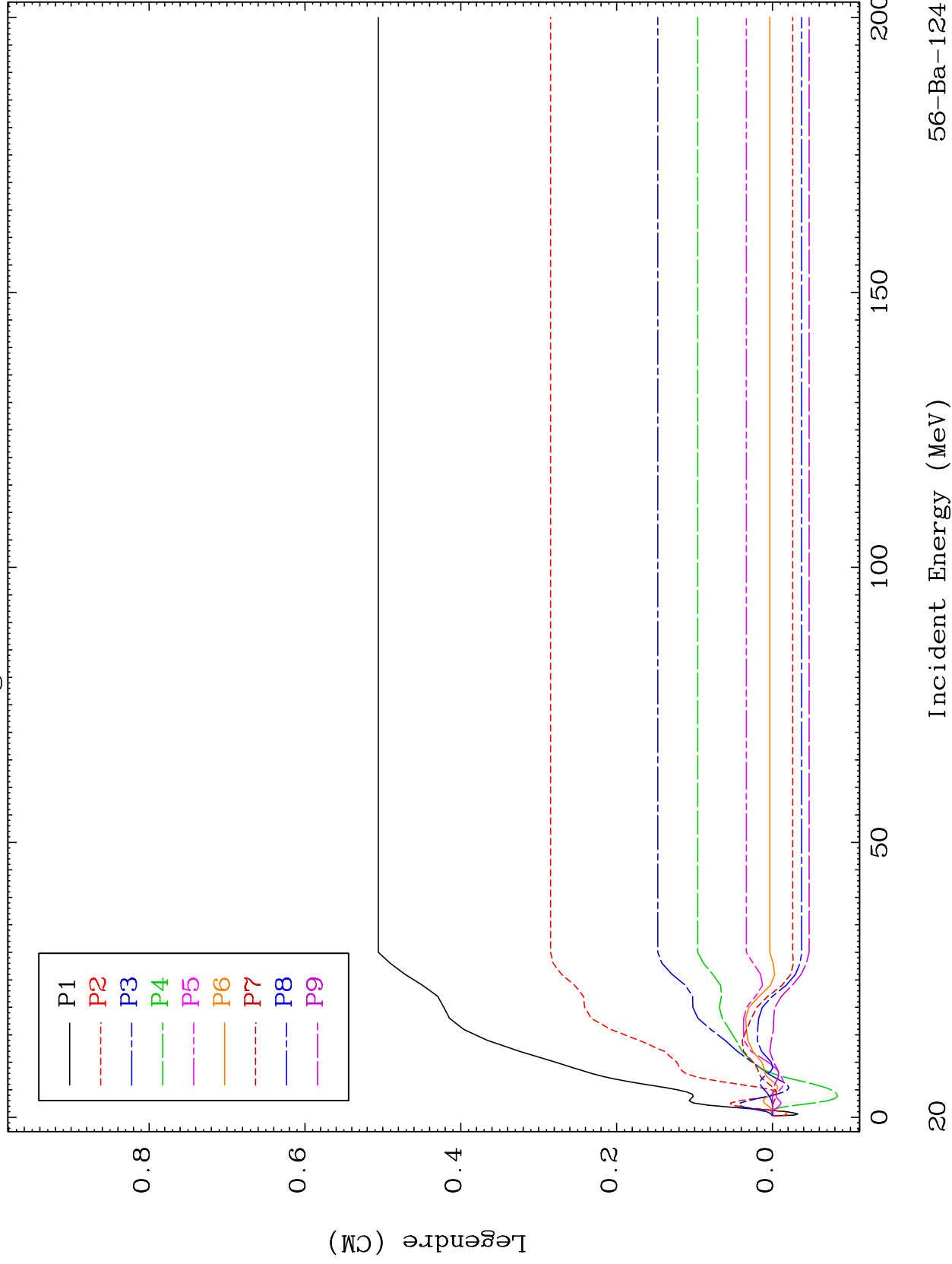
Incident Energy (MeV)

56-Ba-124

MAT 5607

229.9 keV (n,n') Level
Legendre Coefficients

56-Ba-124



56-Ba-124

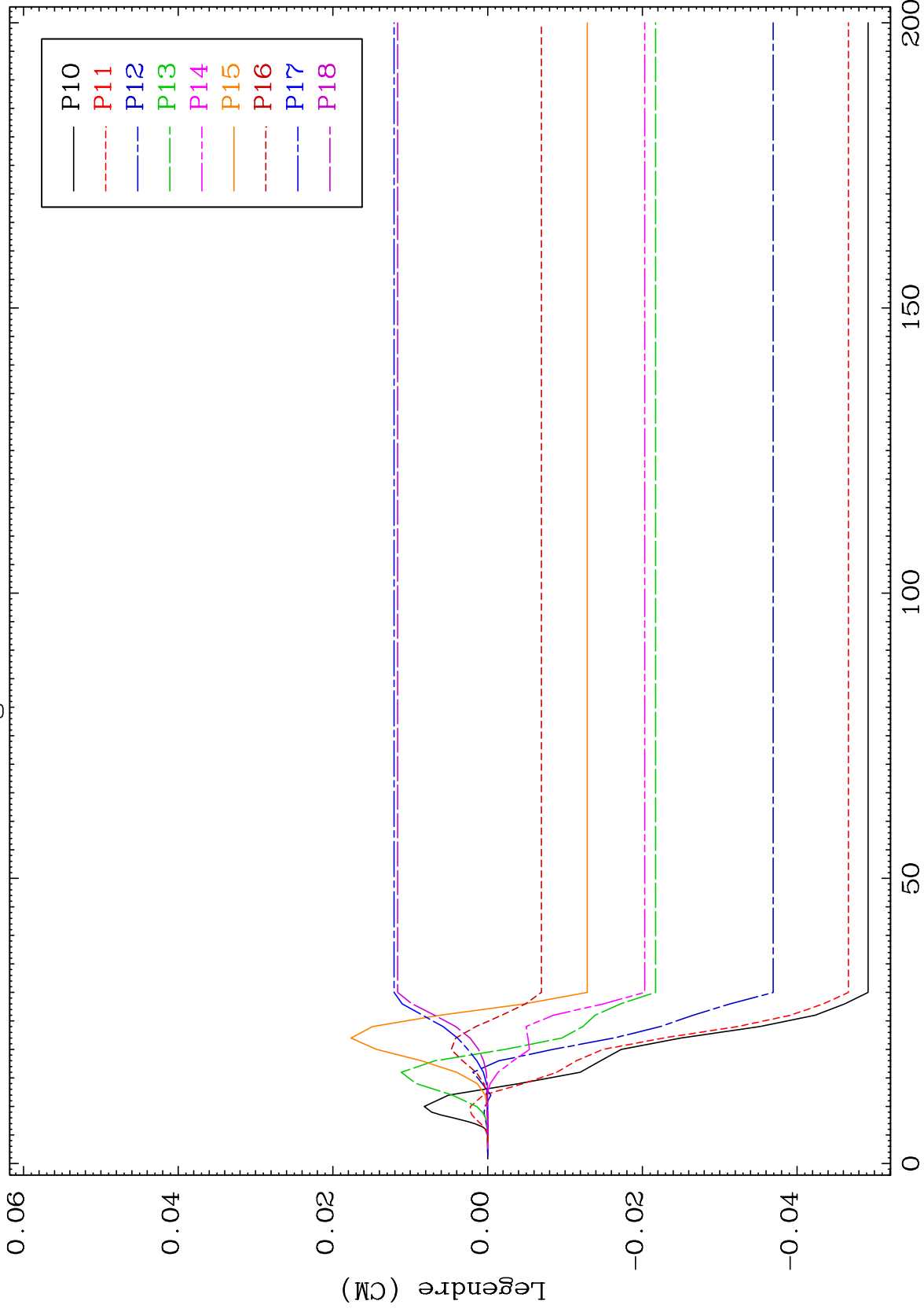
Incident Energy (MeV)

0

MAT 5607

229.9 keV (n,n') Level
Legendre Coefficients

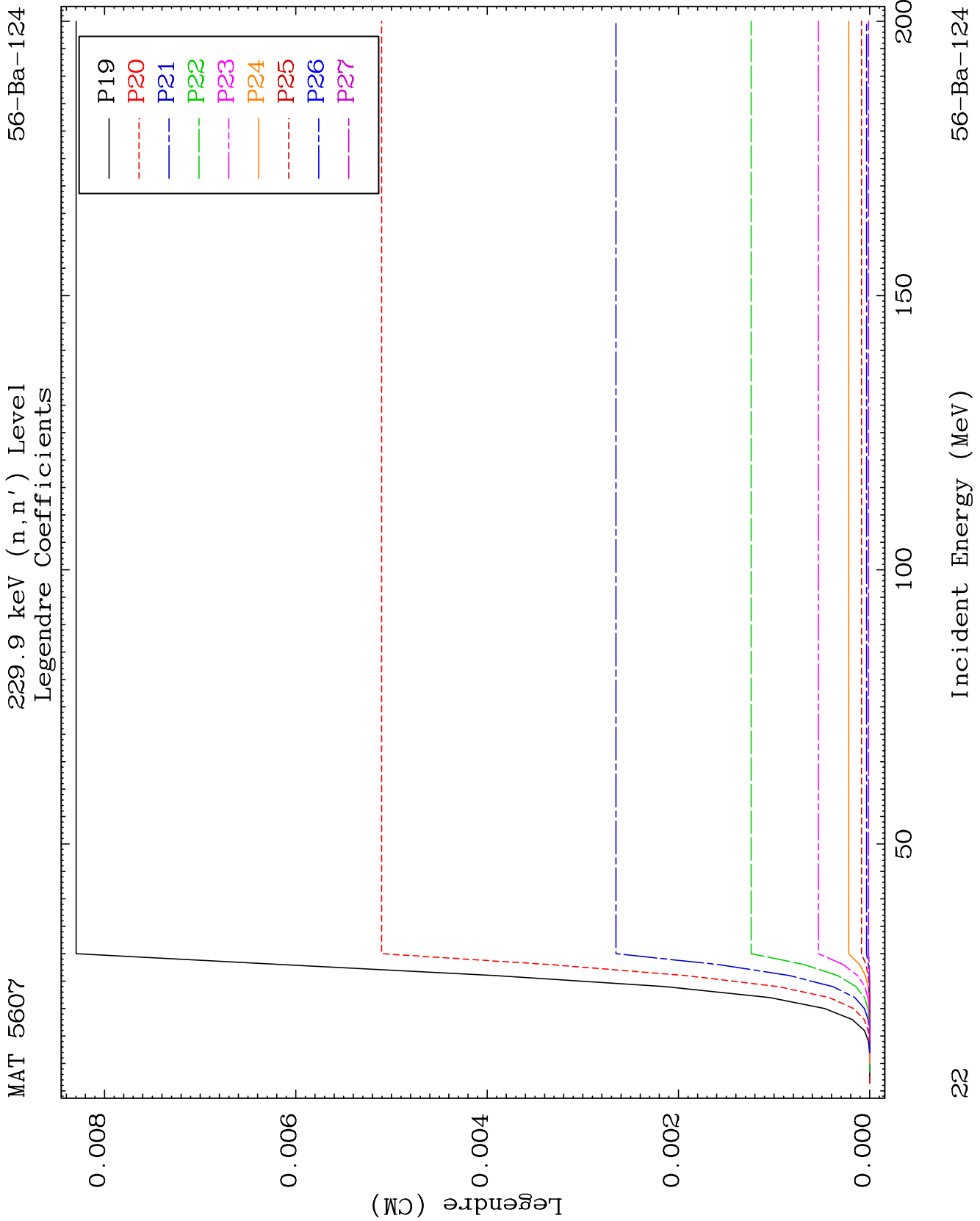
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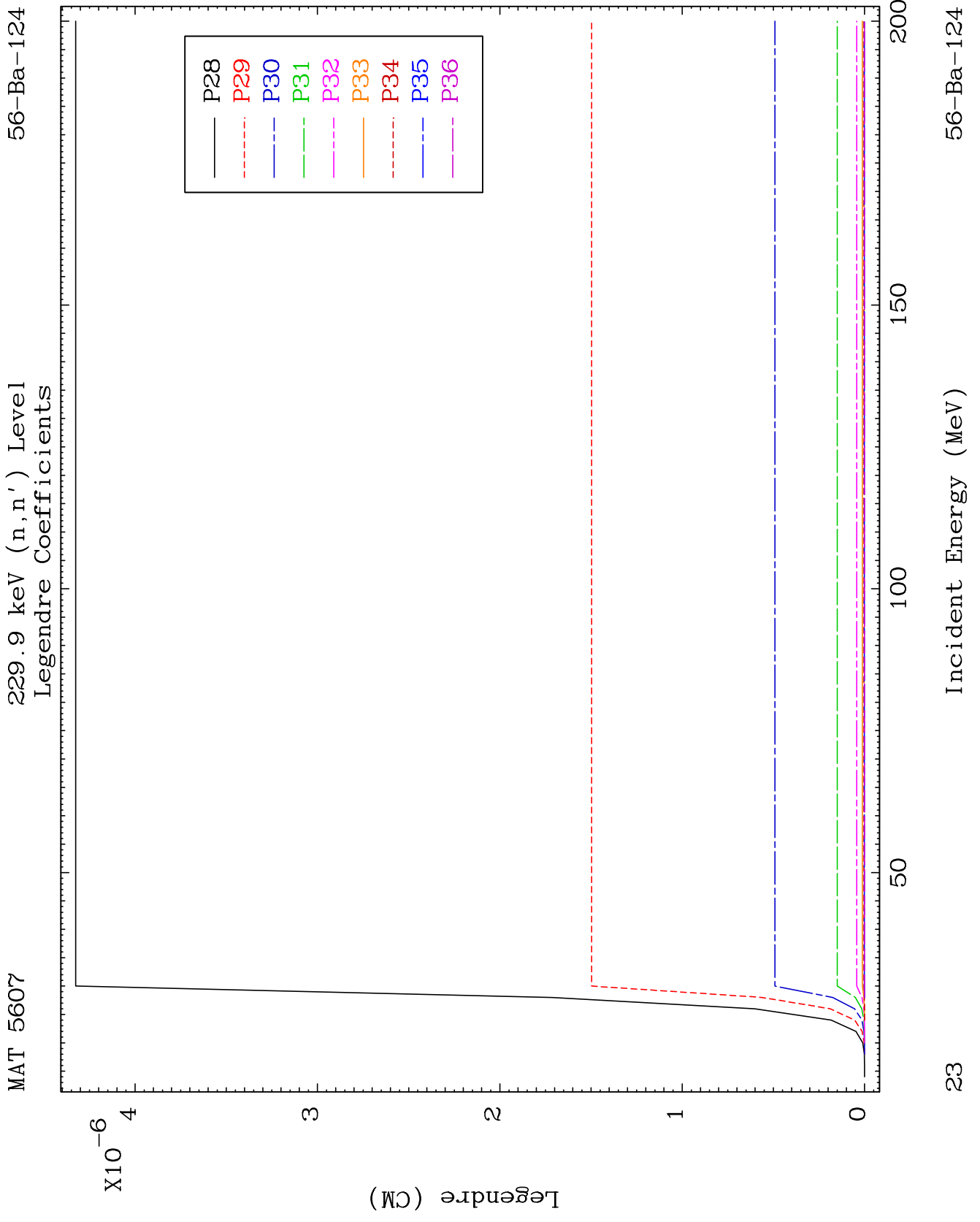


21

Incident Energy (MeV)

56-Ba-124

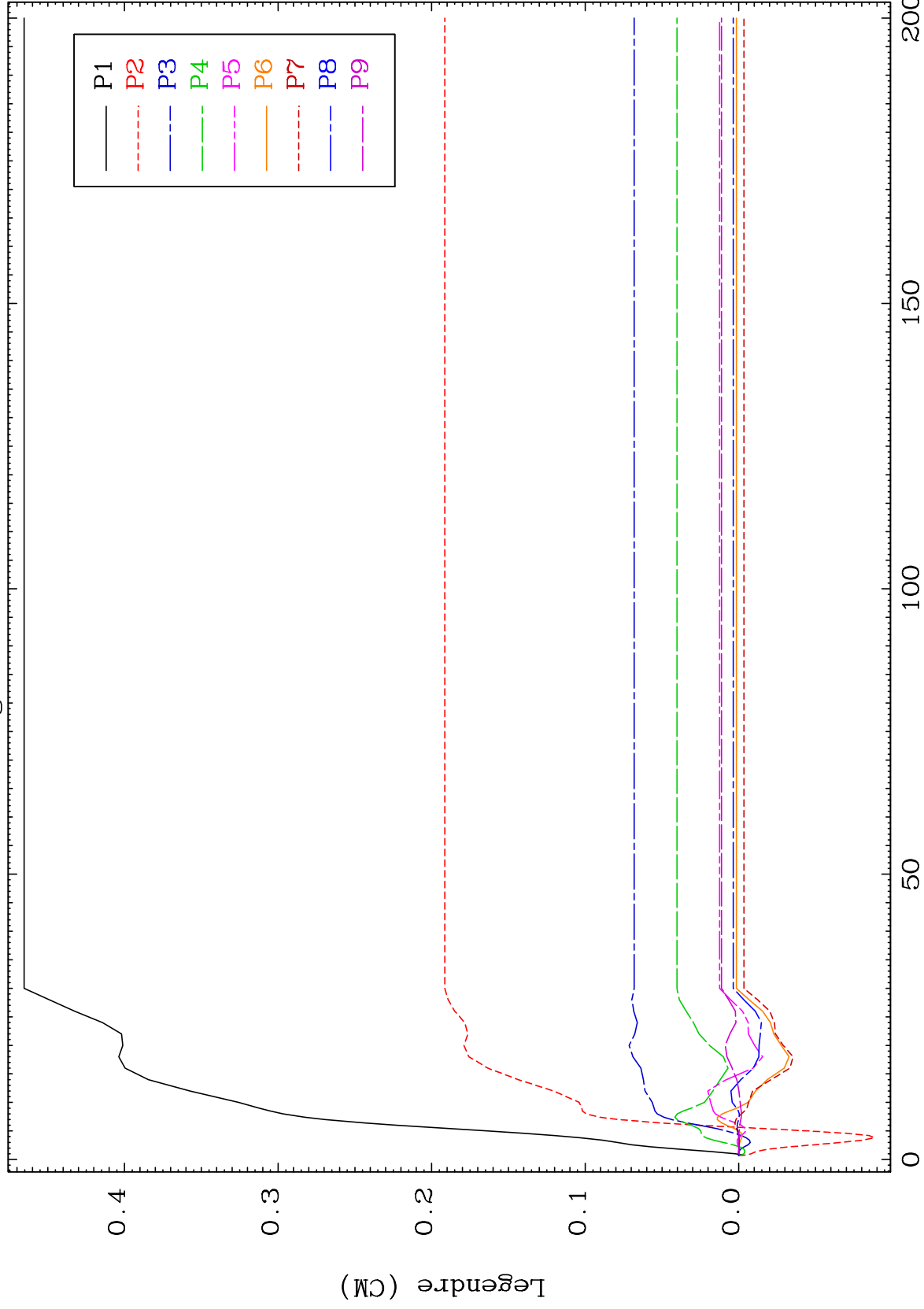




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651.7 keV (n,n') Level
Legendre Coefficients

56-Ba-124



24

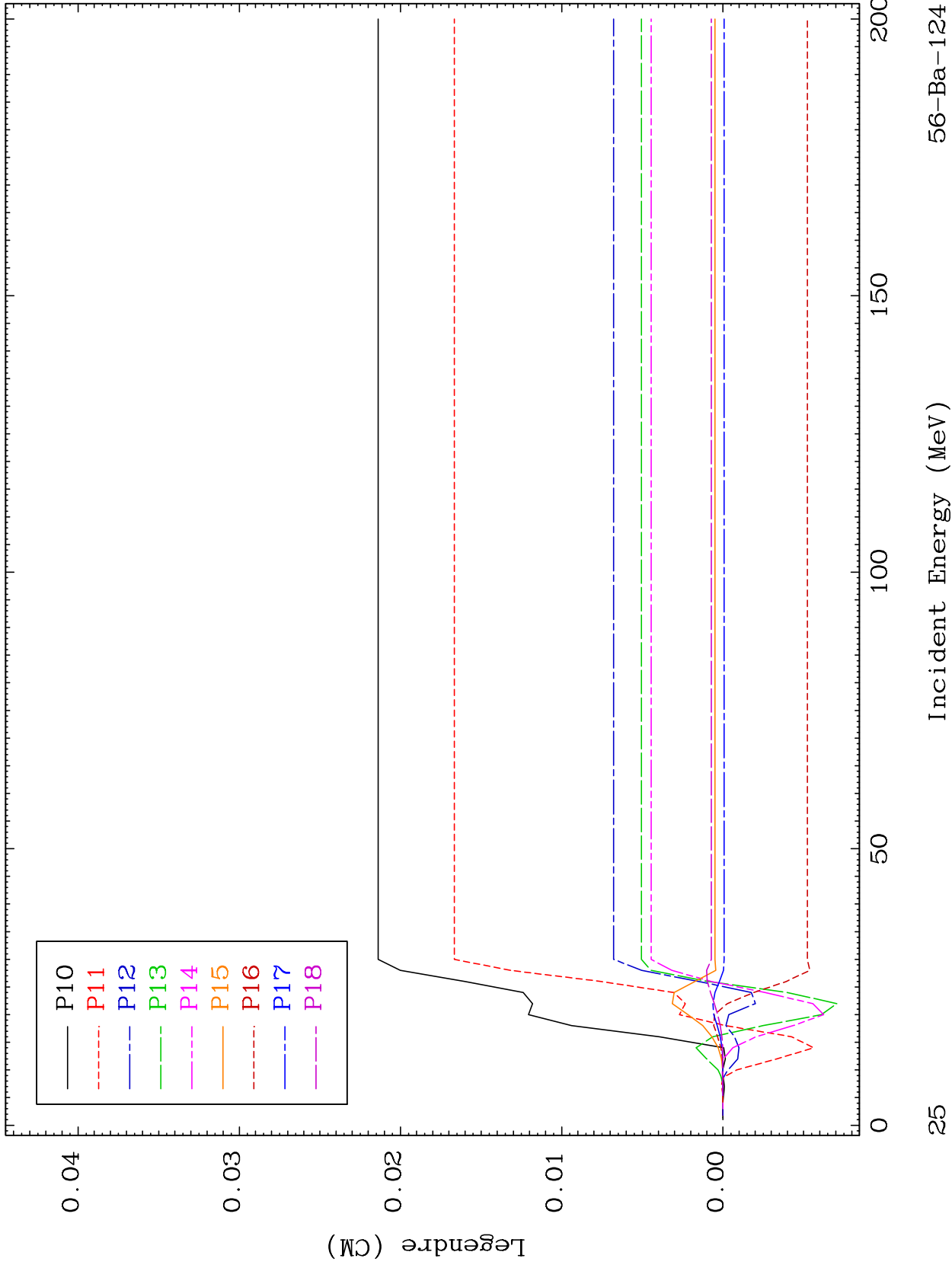
Incident Energy (MeV)

56-Ba-124

MAT 5607

651.7 keV (n,n') Level
Legendre Coefficients

56-Ba-124



56-Ba-124

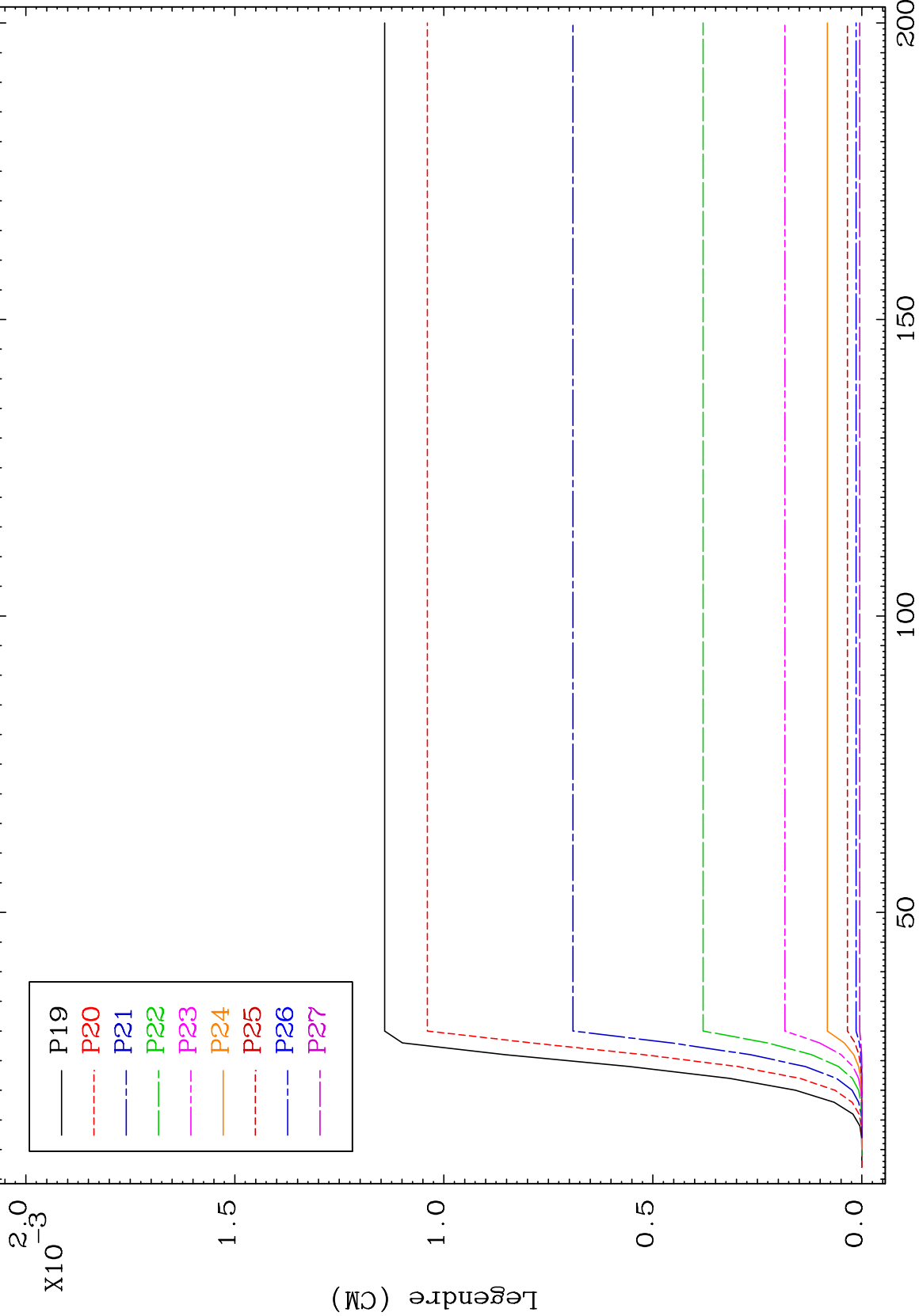
Incident Energy (MeV)

25

MAT 5607

651.7 keV (n,n') Level
Legendre Coefficients

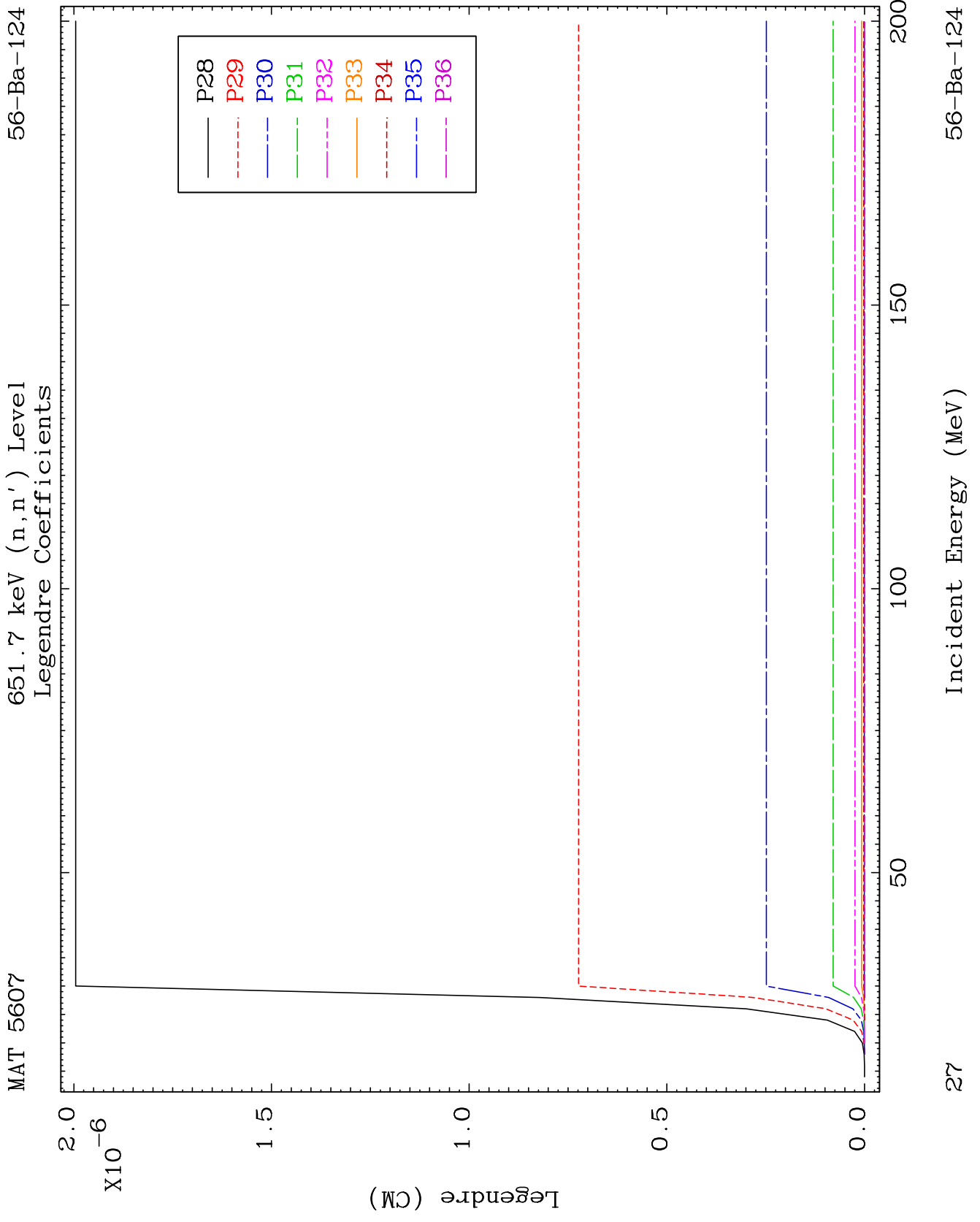
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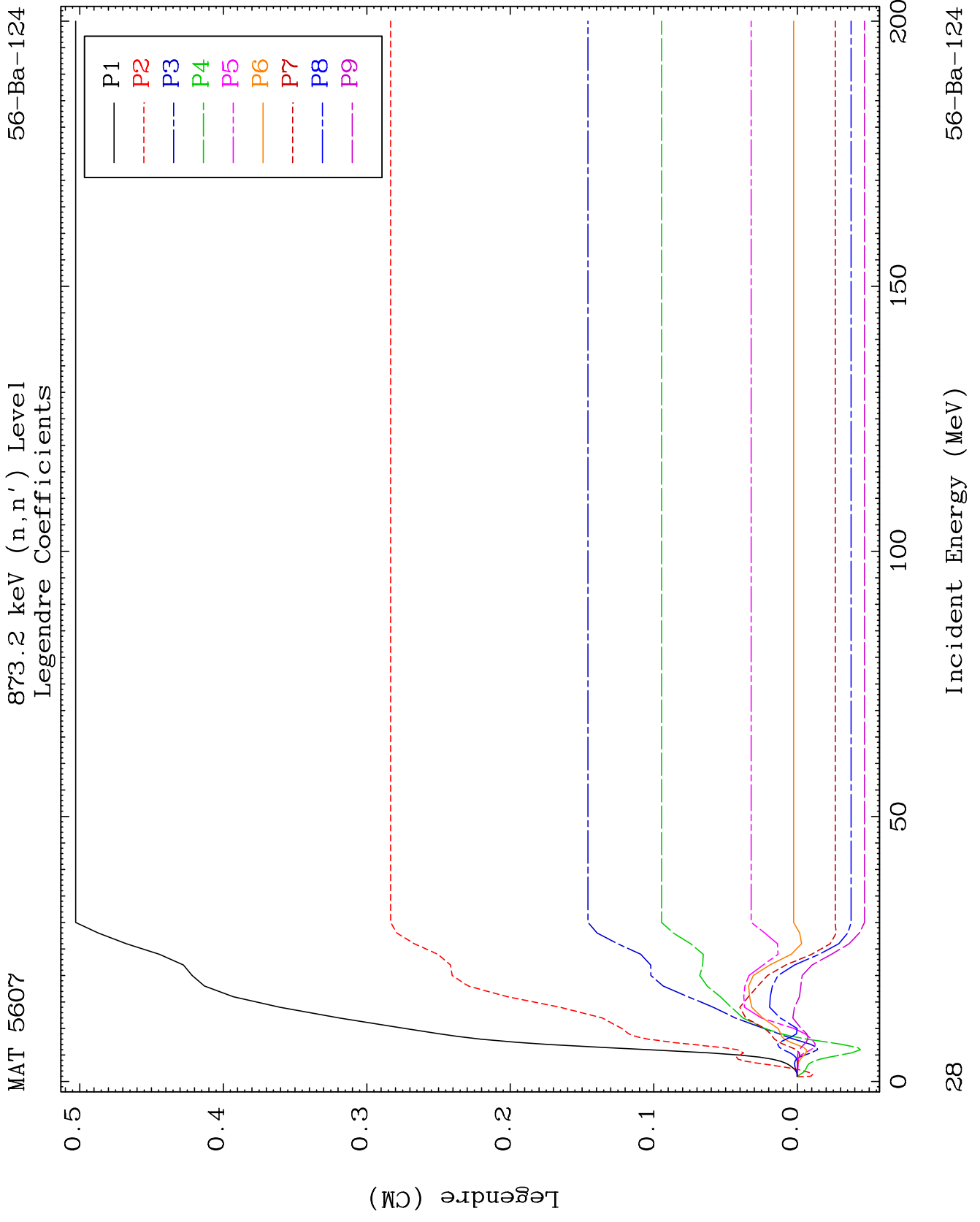


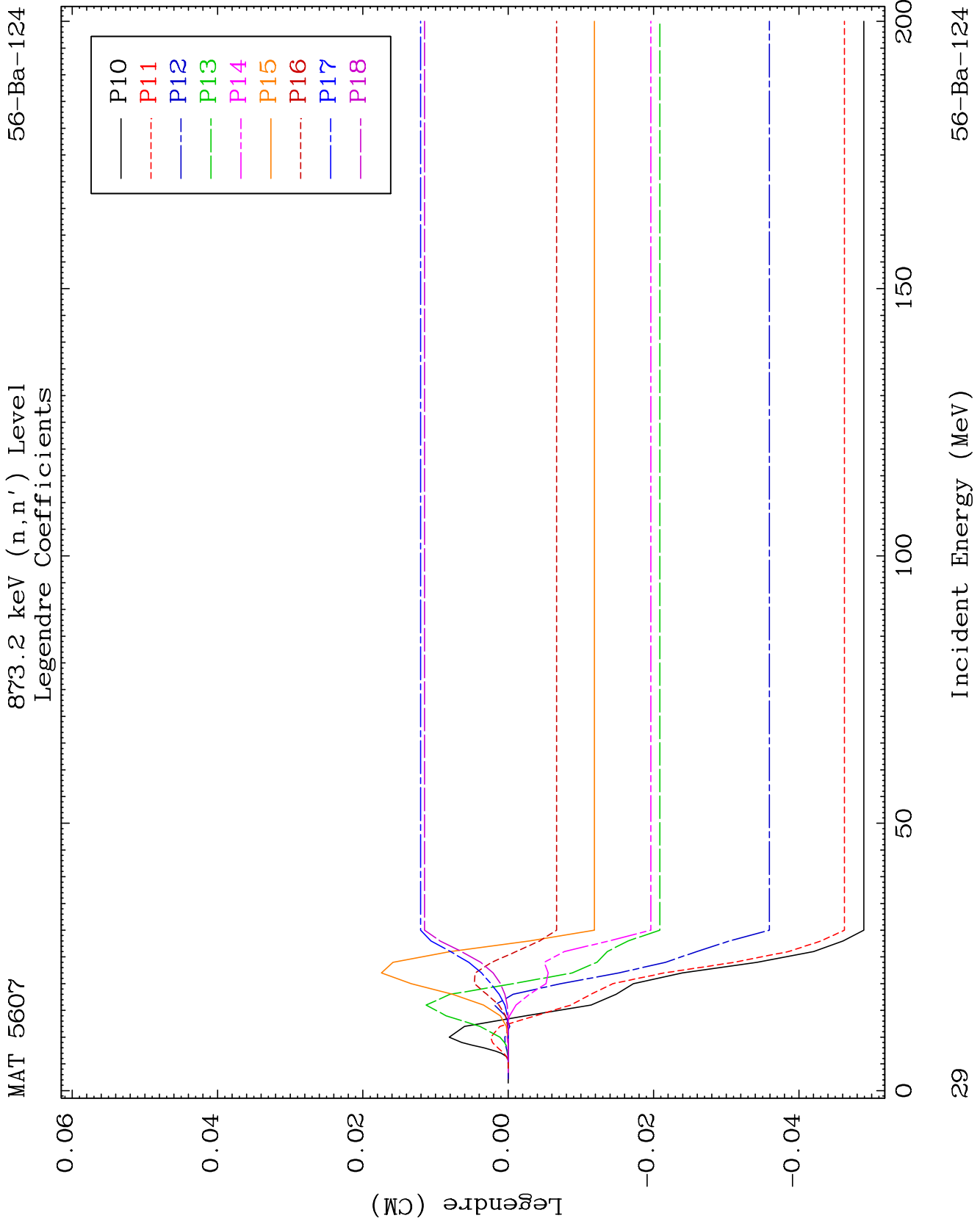
26

Incident Energy (MeV)

56-Ba-124



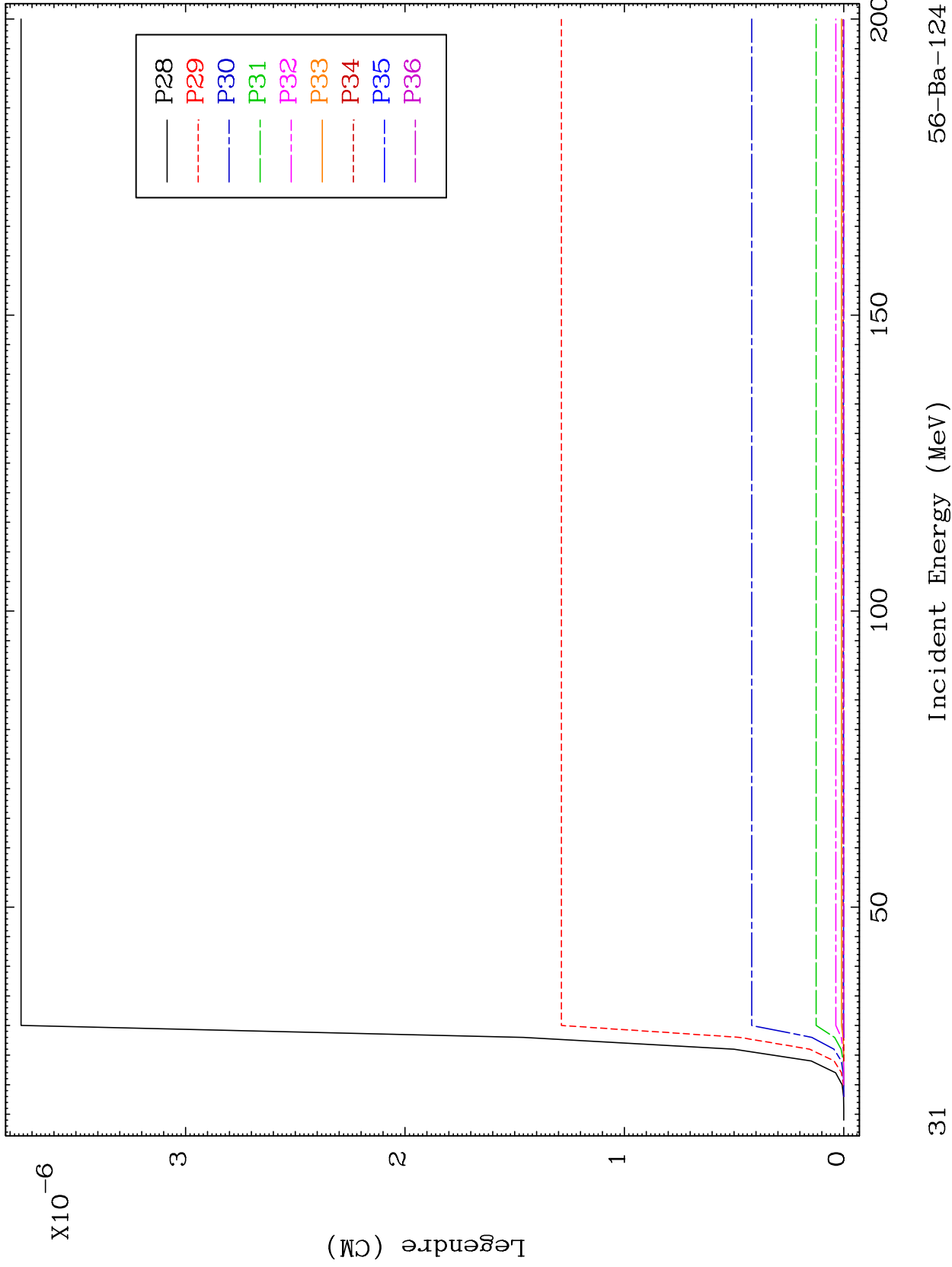


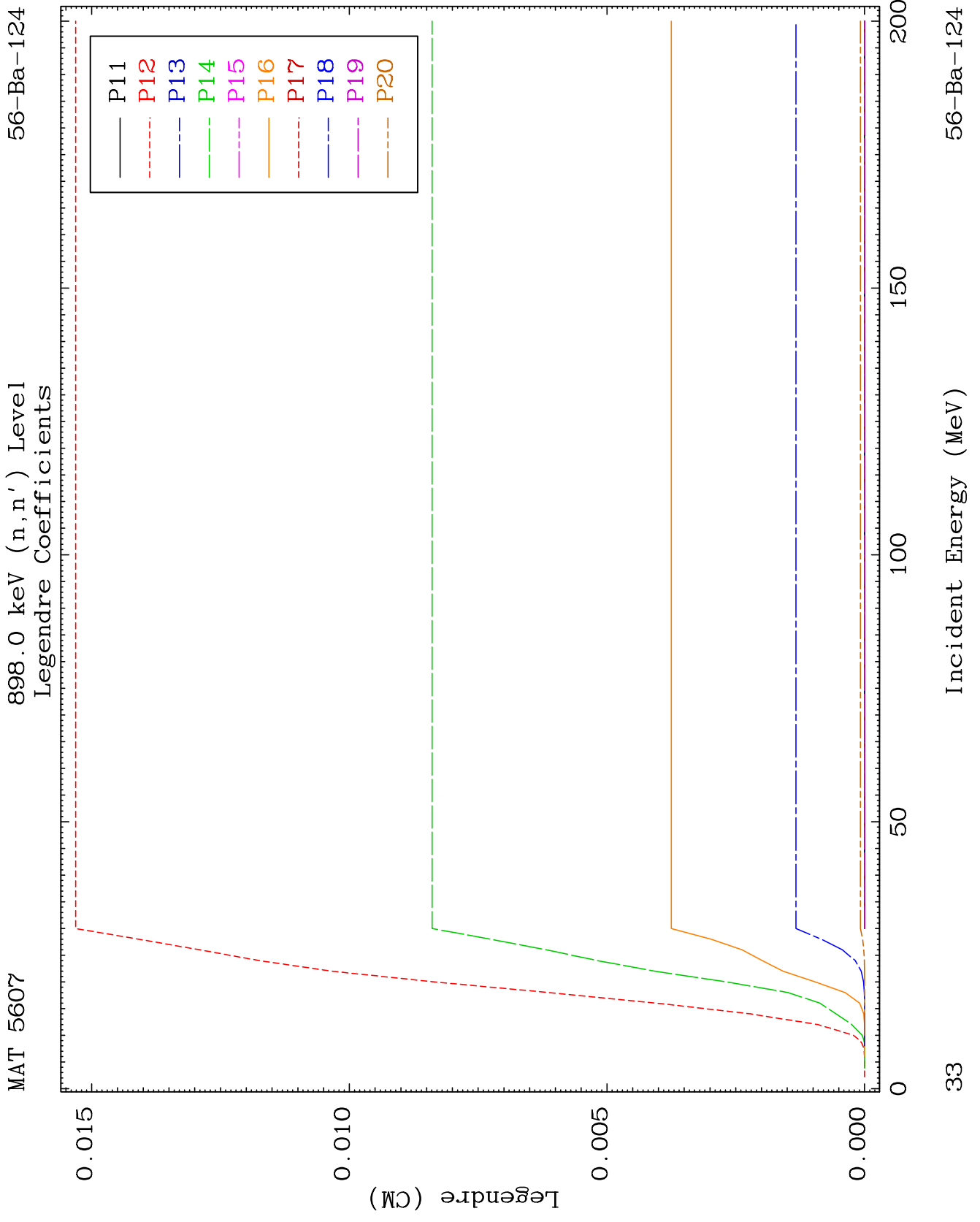


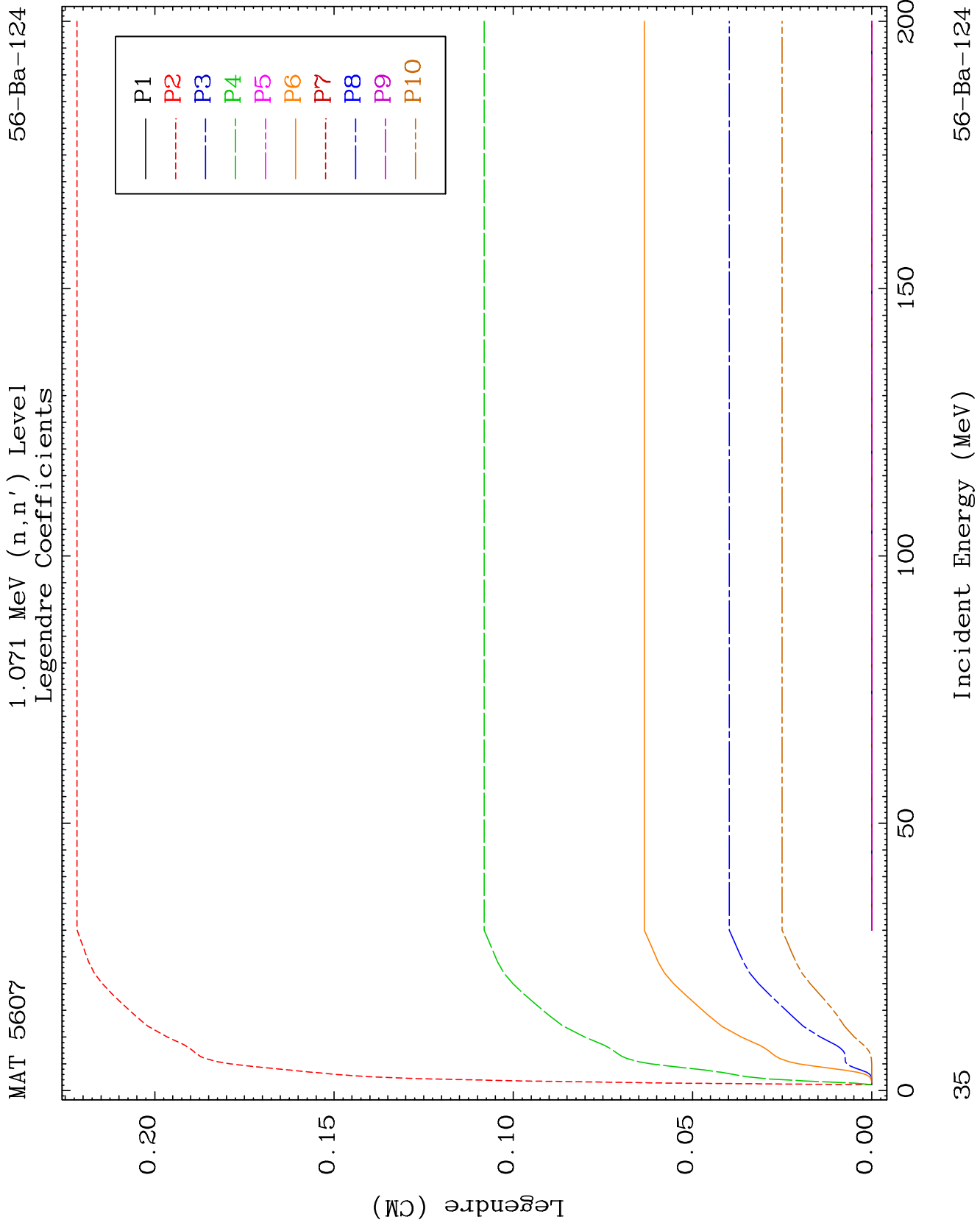
MAT 5607

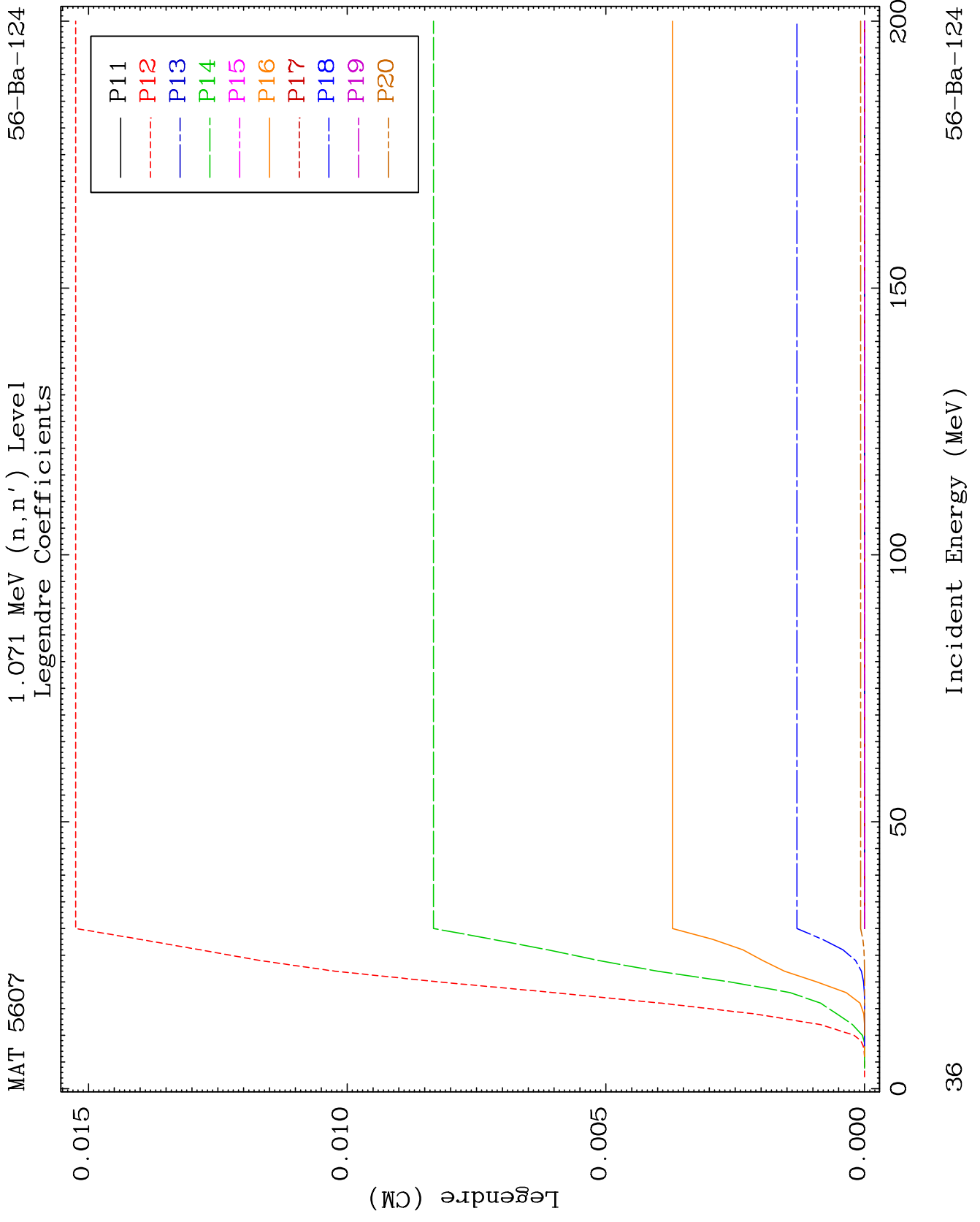
873.2 keV (n, n') Level
Legendre Coefficients

56-Ba-124





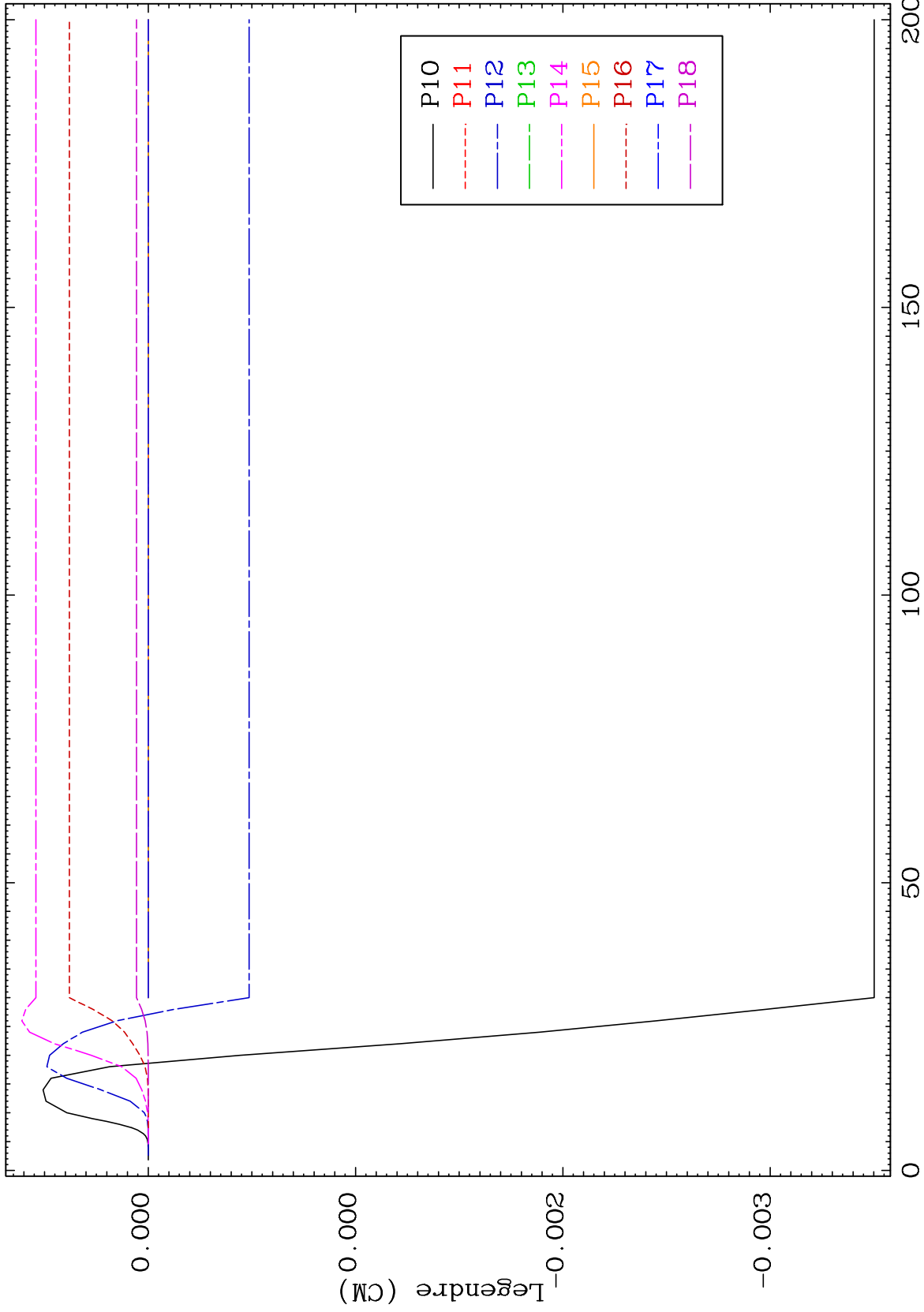




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1.162 MeV (n,n') Level
Legendre Coefficients

56-Ba-124



39

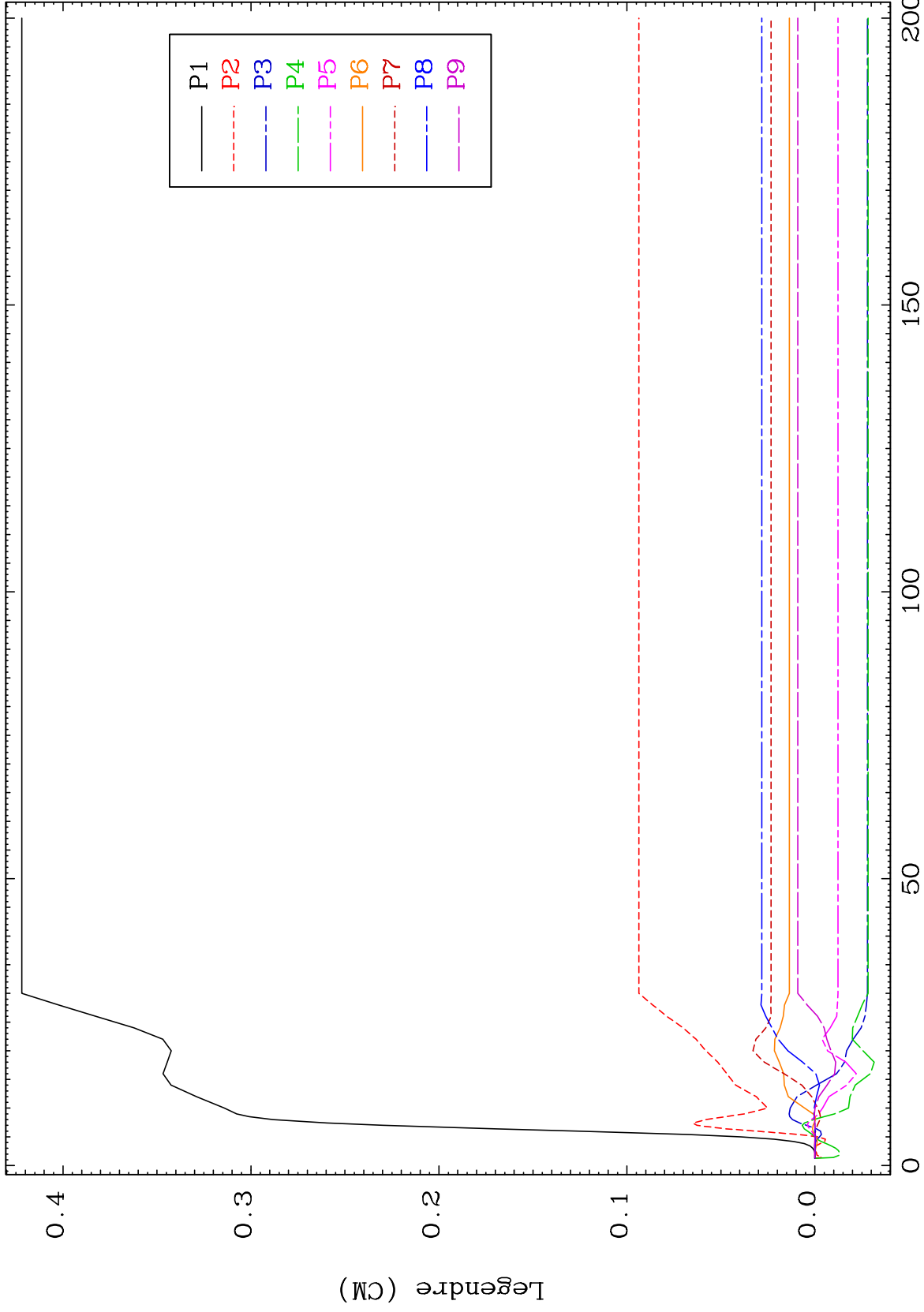
Incident Energy (MeV)

56-Ba-124

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1.228 MeV (n, n') Level
Legendre Coefficients

56-Ba-124



41

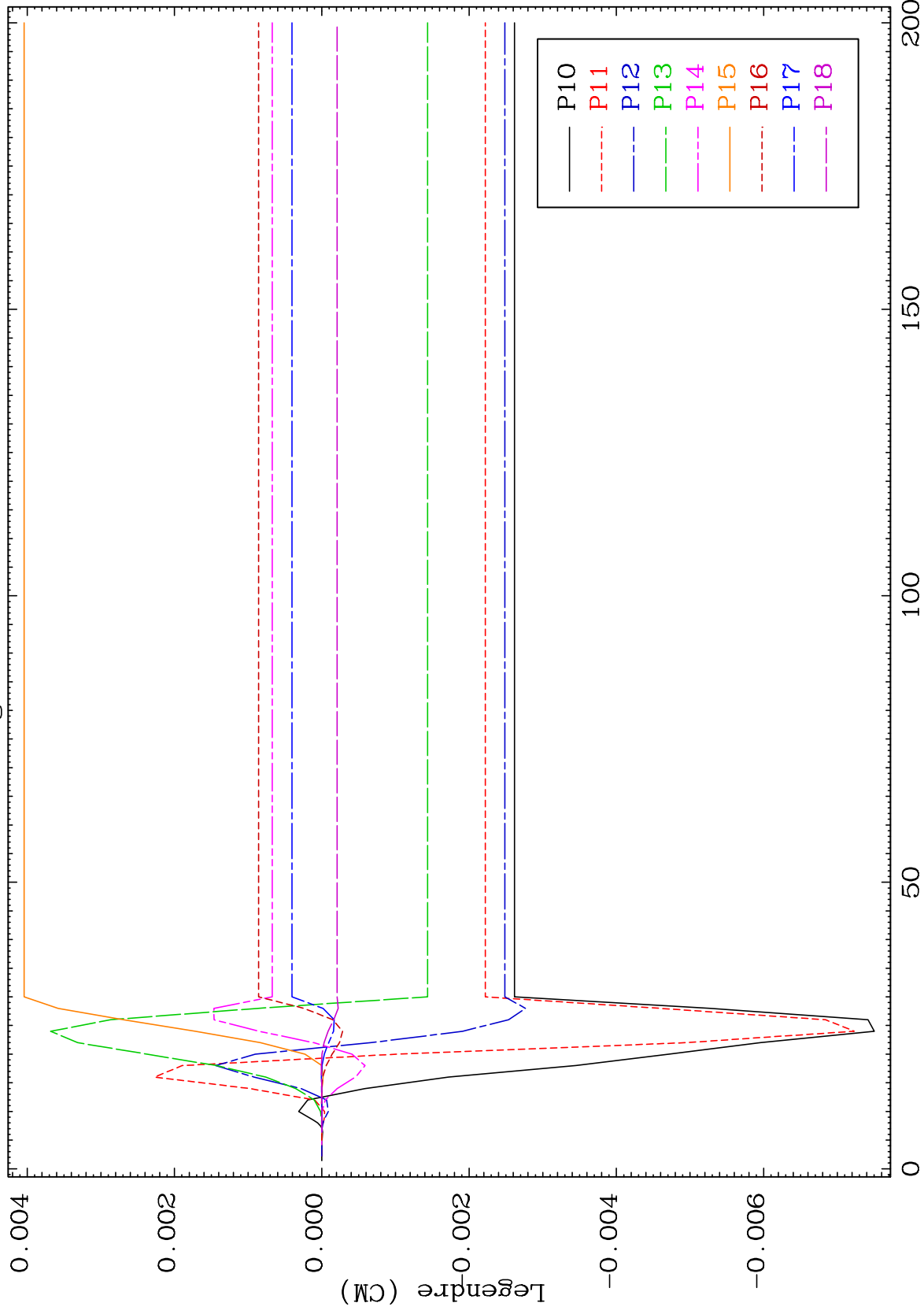
Incident Energy (MeV)

56-Ba-124

MAT 5607

1.228 MeV (n, n') Level
Legendre Coefficients

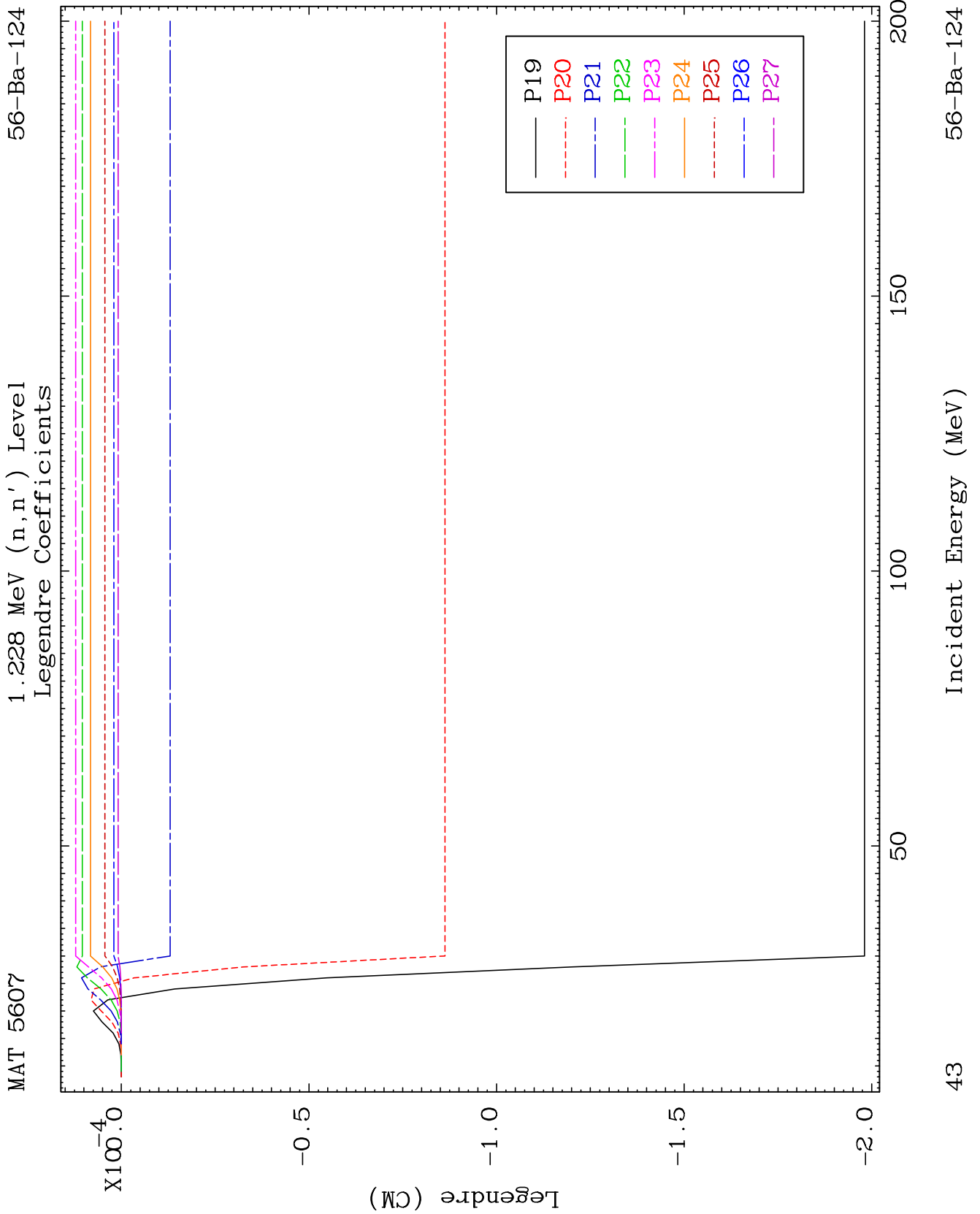
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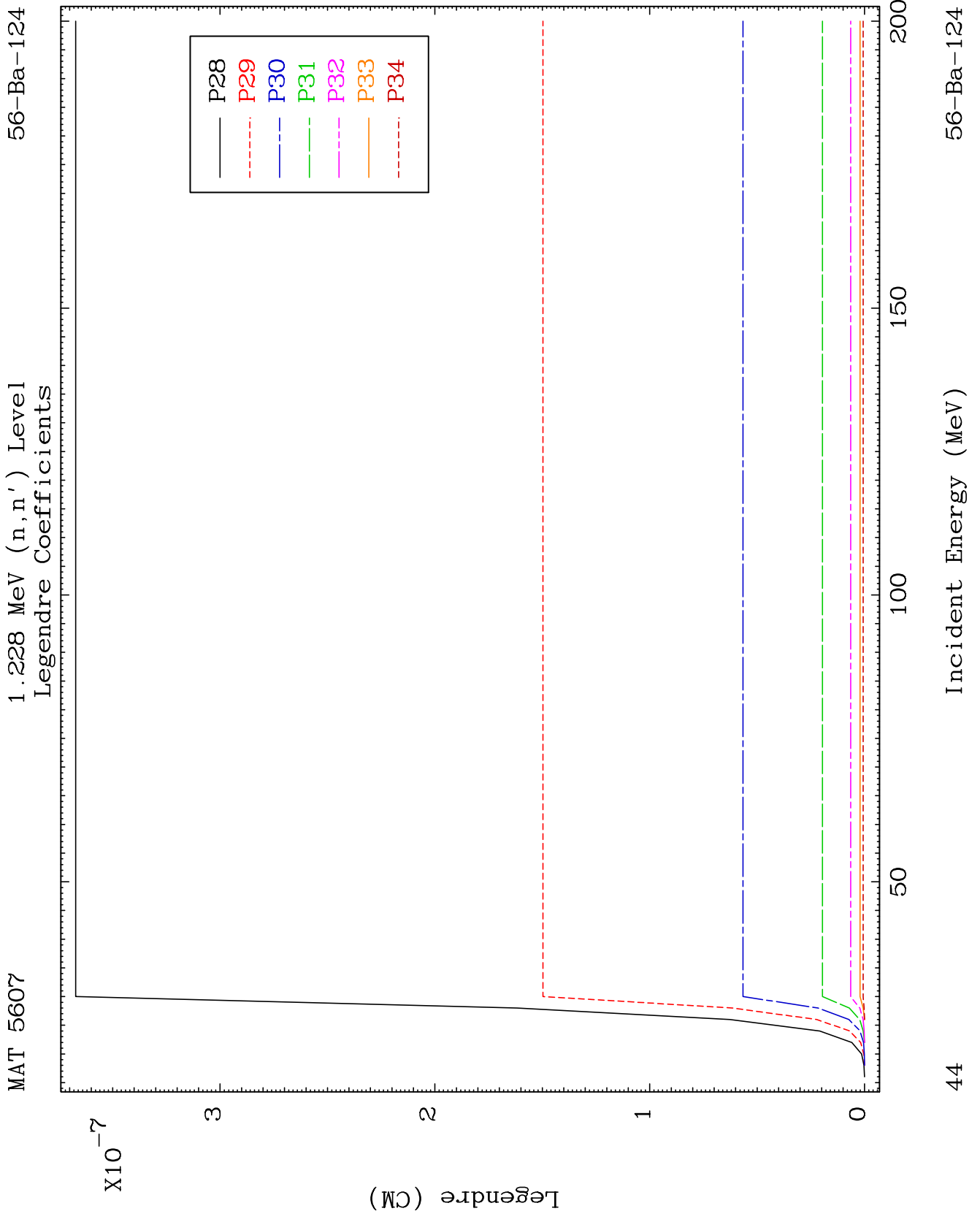


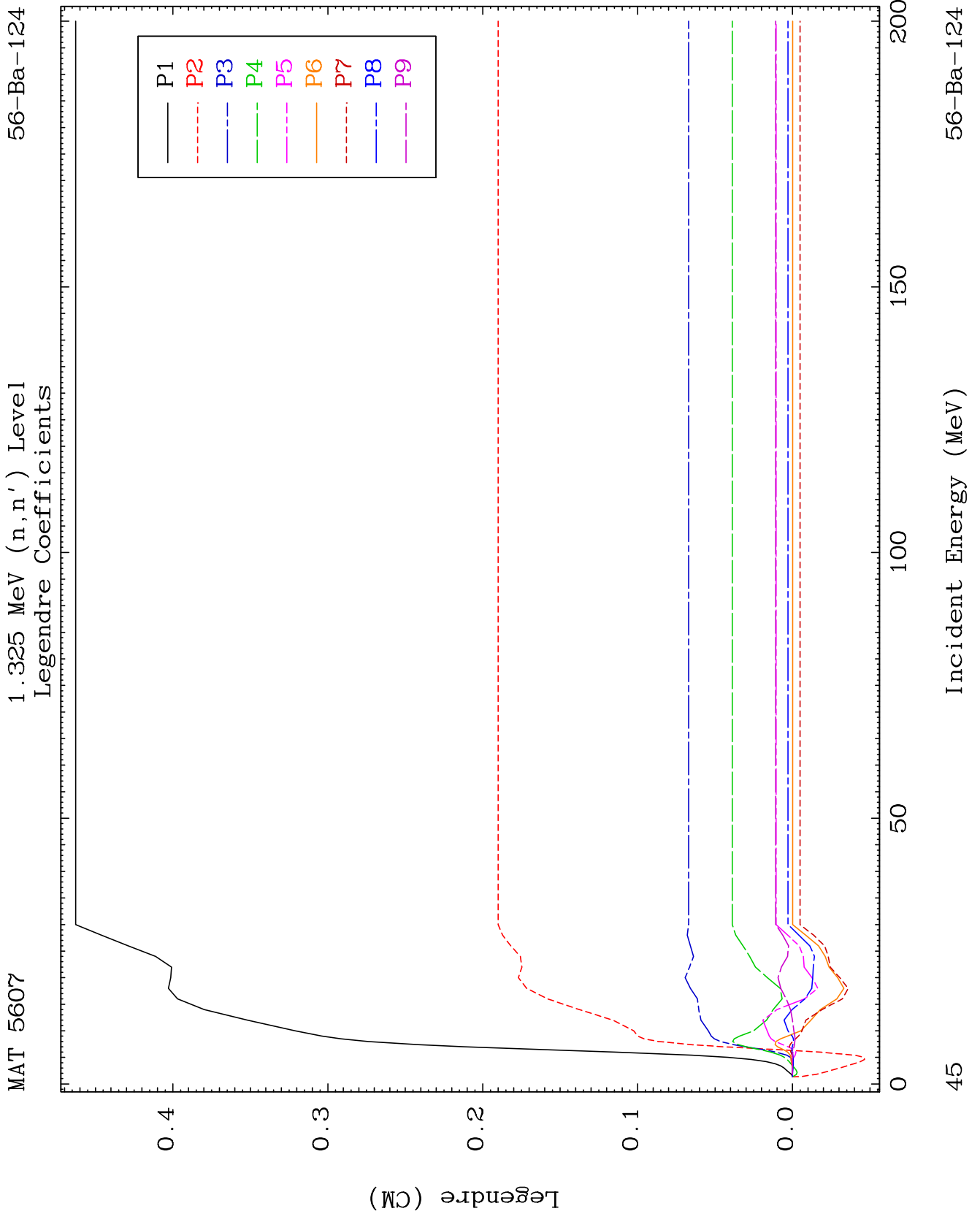
42

Incident Energy (MeV)

56-Ba-124



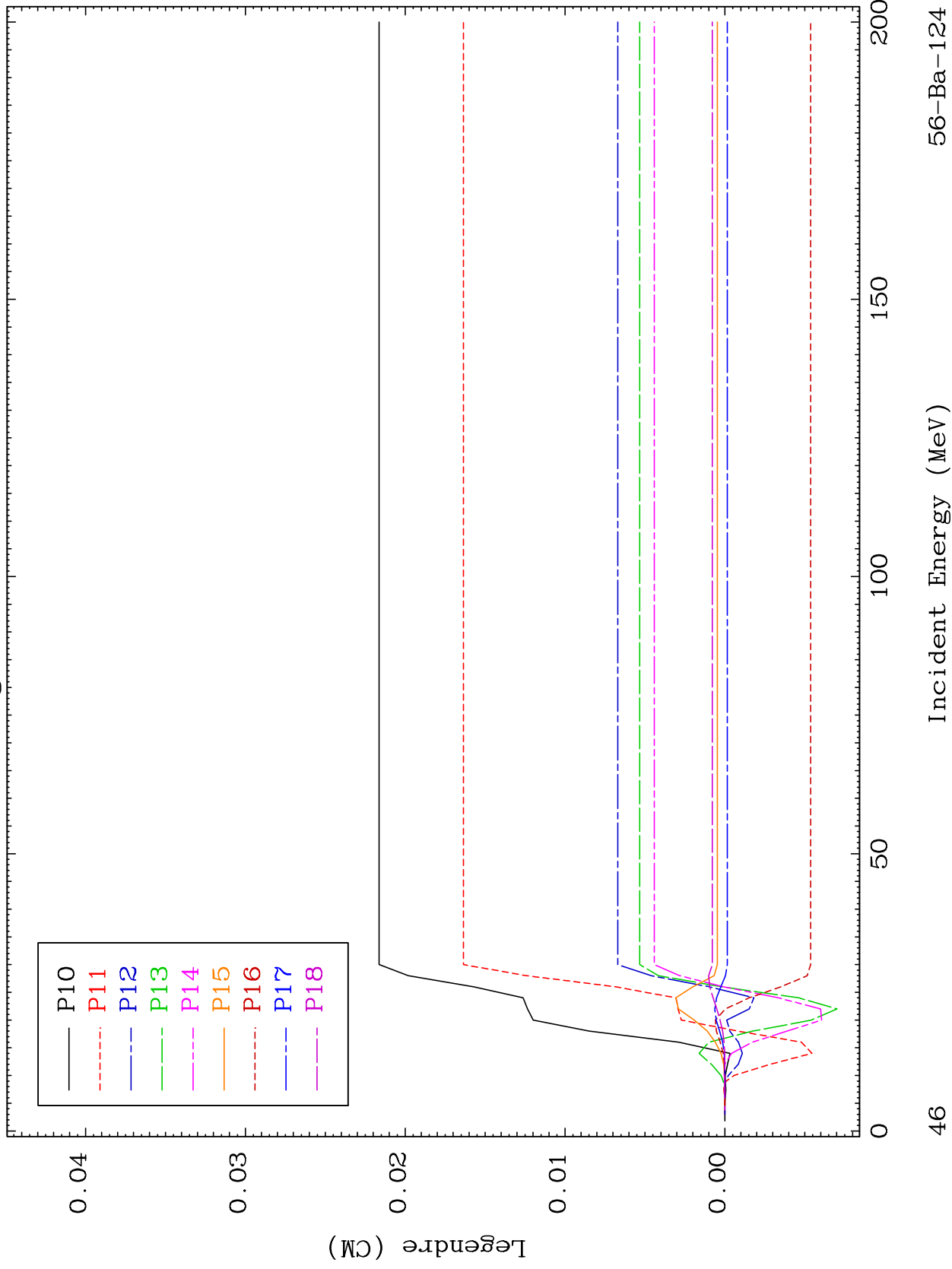




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1.325 MeV (n,n') Level
Legendre Coefficients

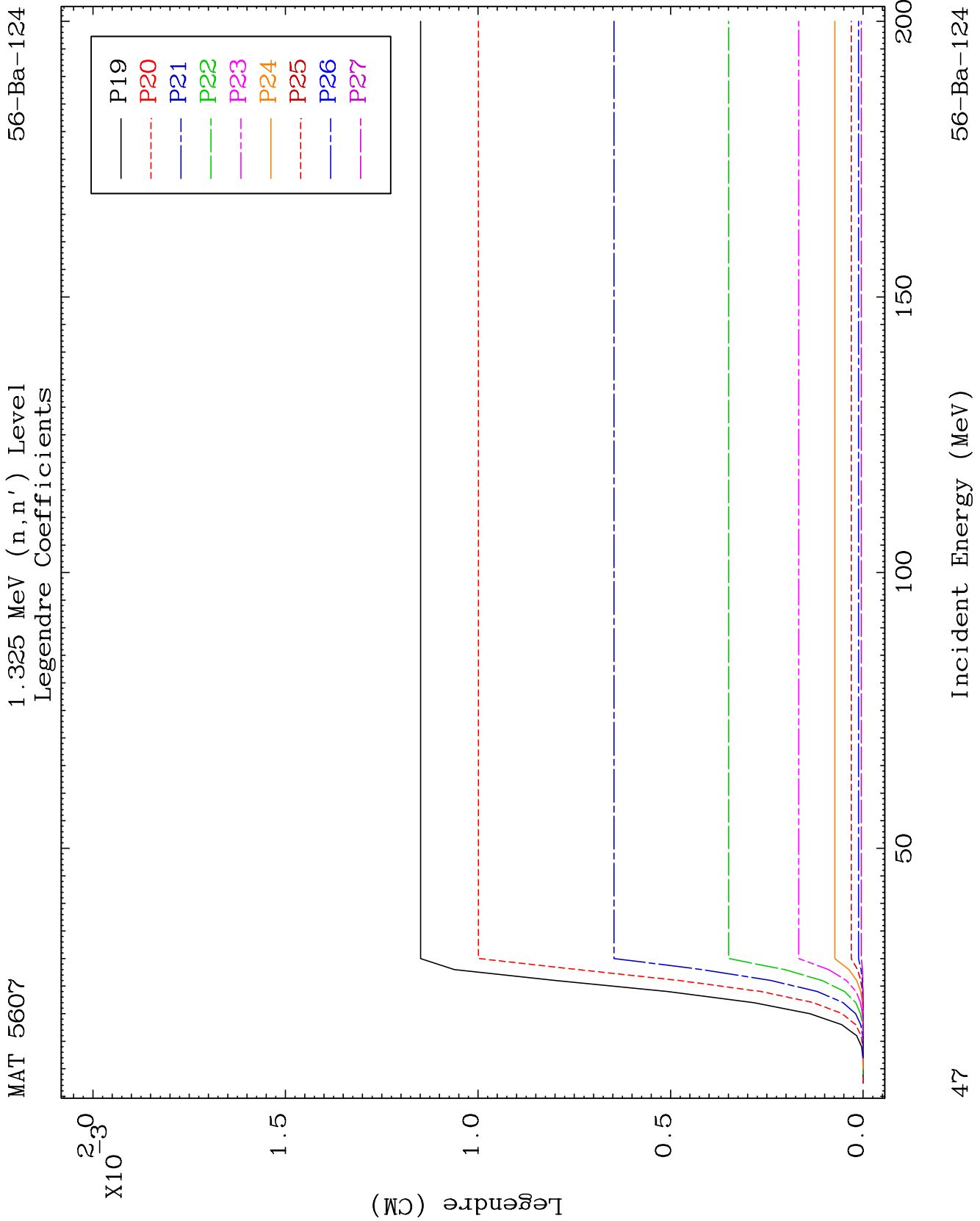
56-Ba-124



46

Incident Energy (MeV)

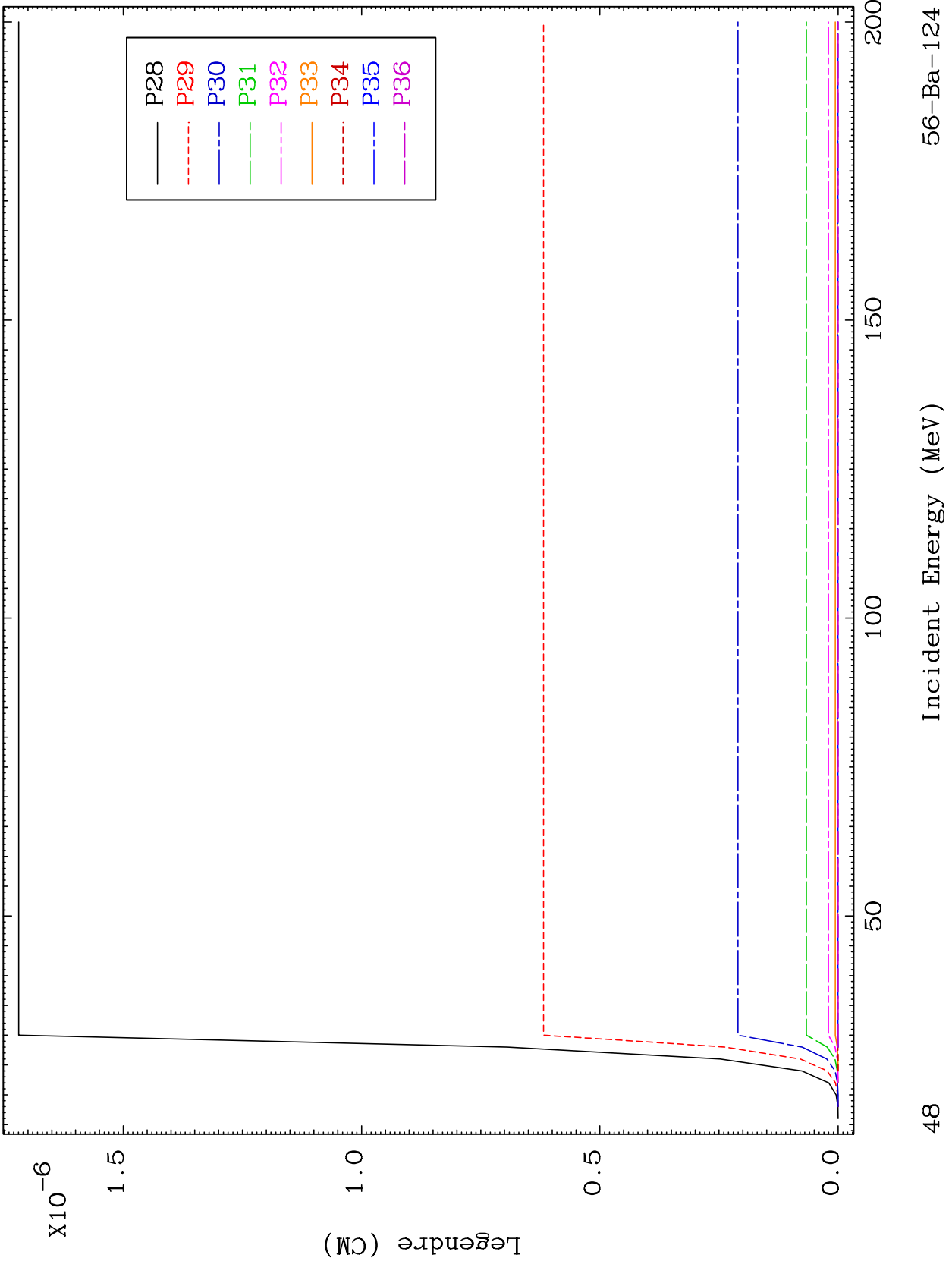
56-Ba-124



MAT 5607

1.325 MeV (n,n') Level
Legendre Coefficients

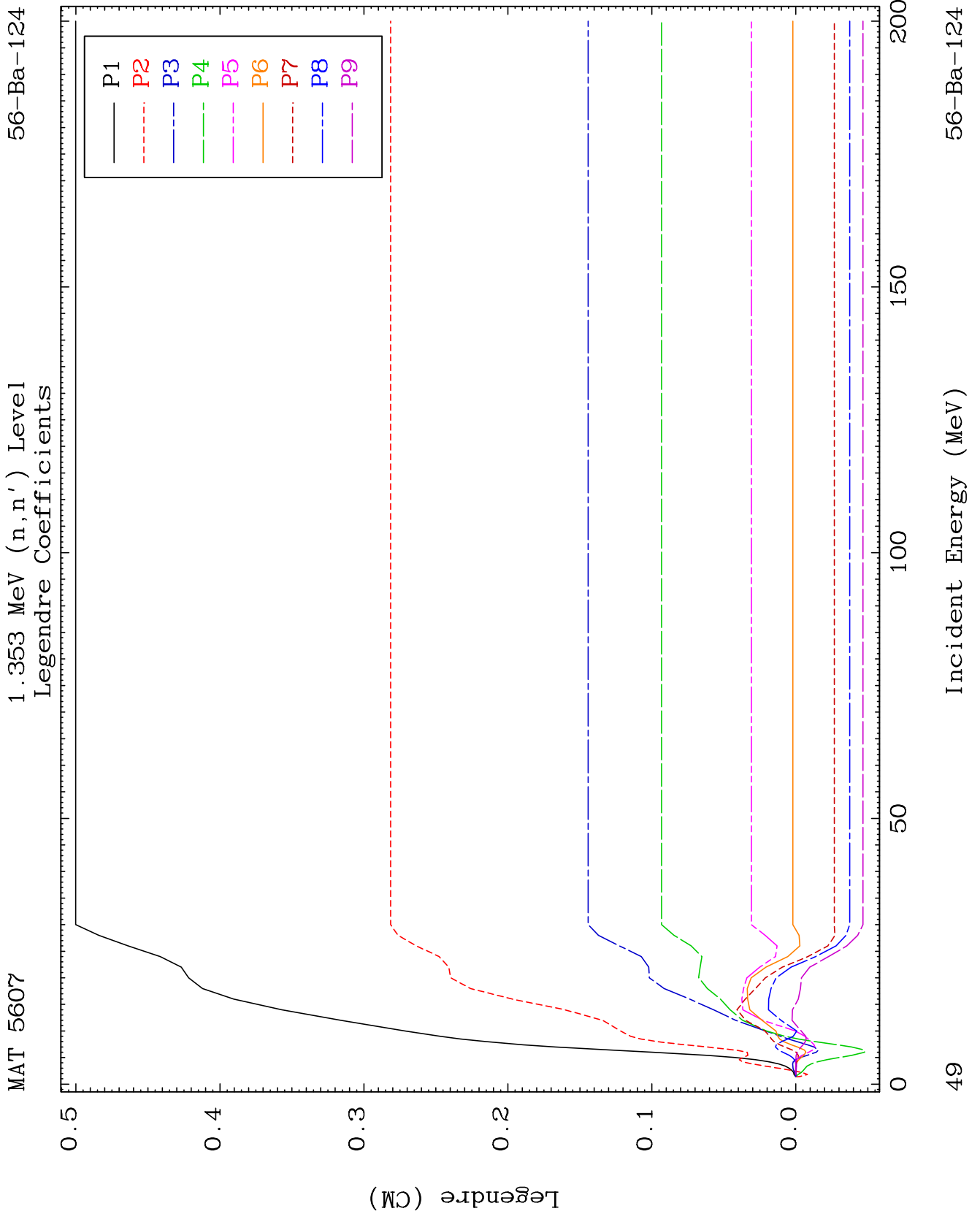
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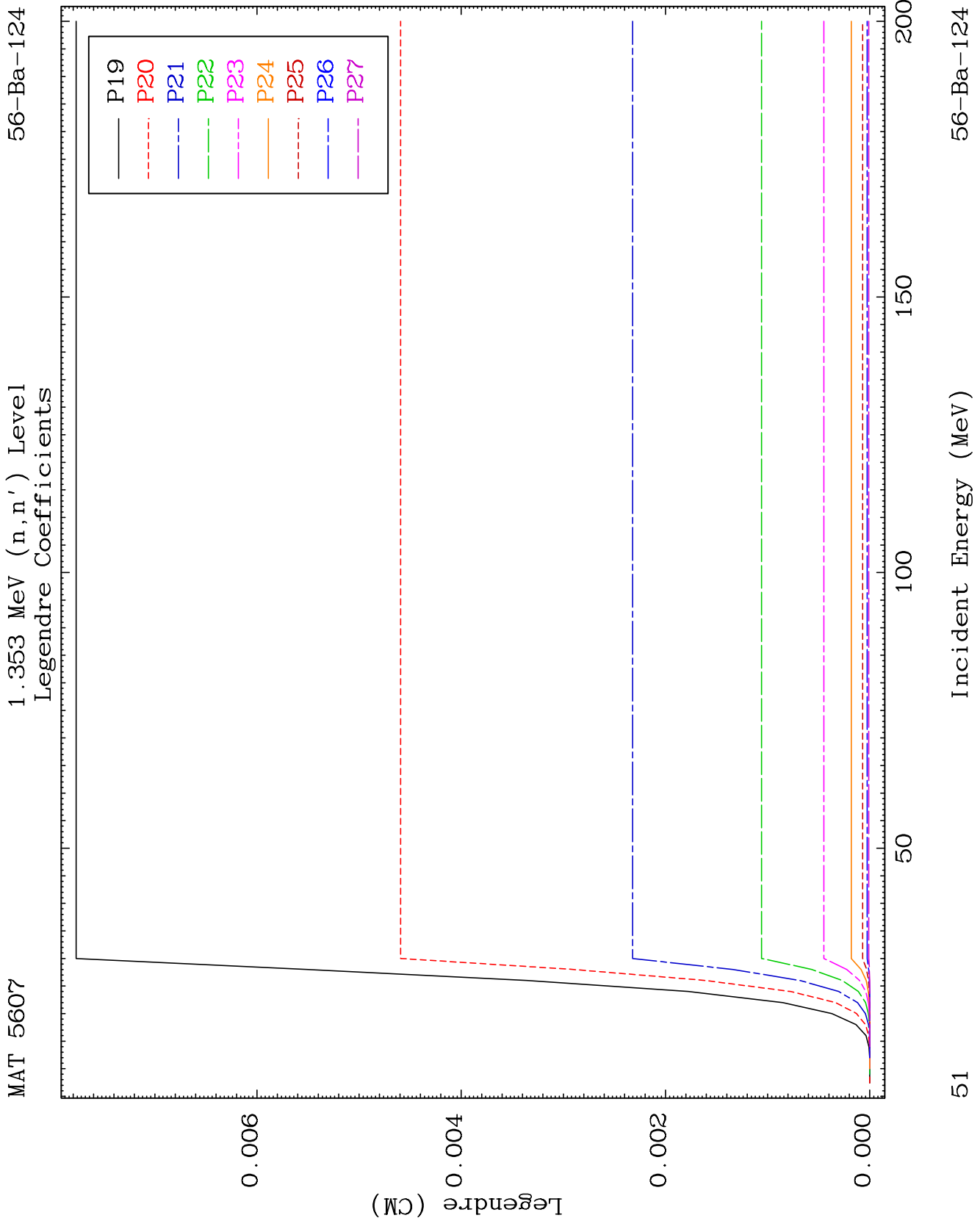


48

Incident Energy (MeV)

56-Ba-124

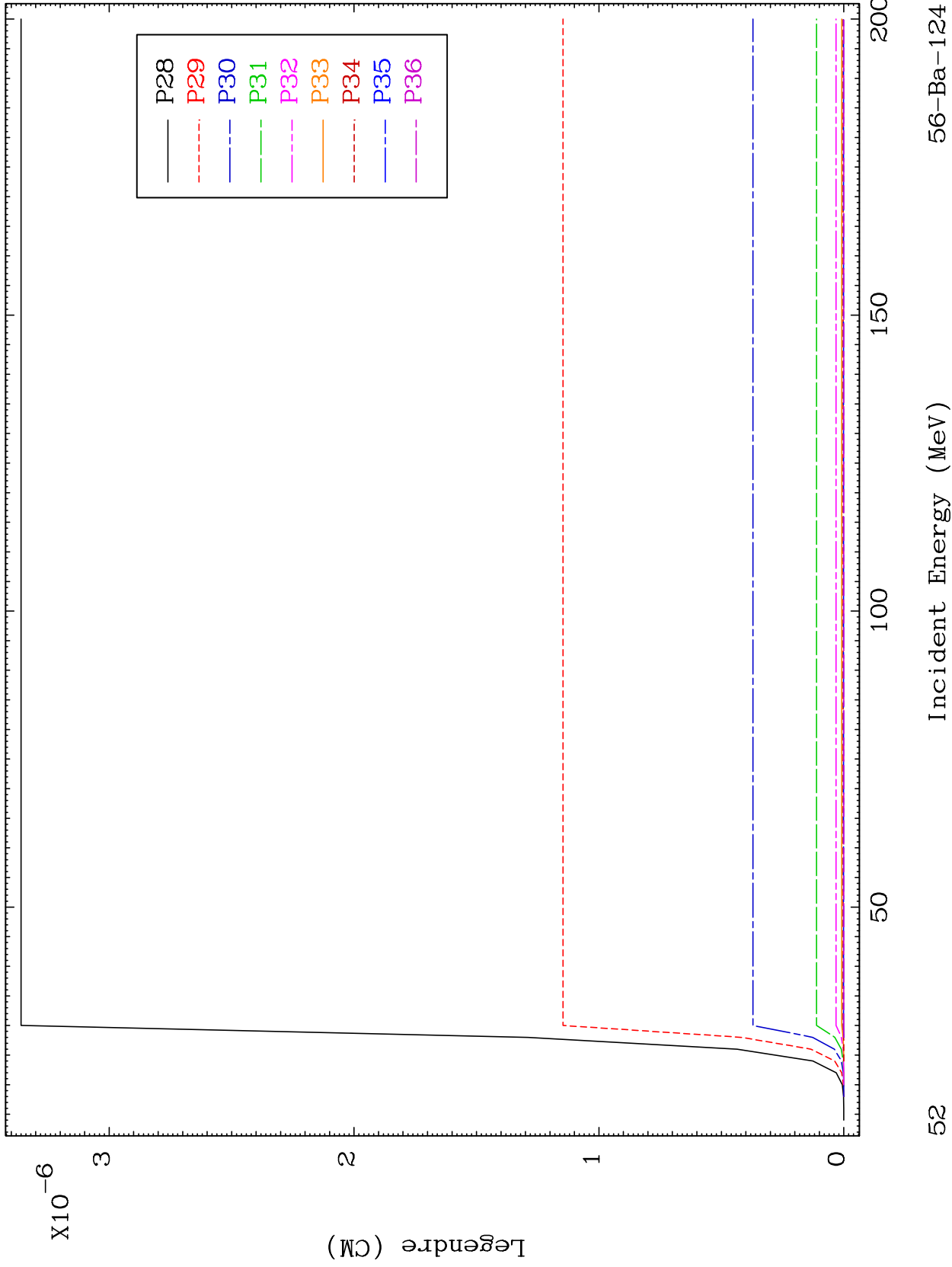




MAT 5607

1.353 MeV (n,n') Level
Legendre Coefficients

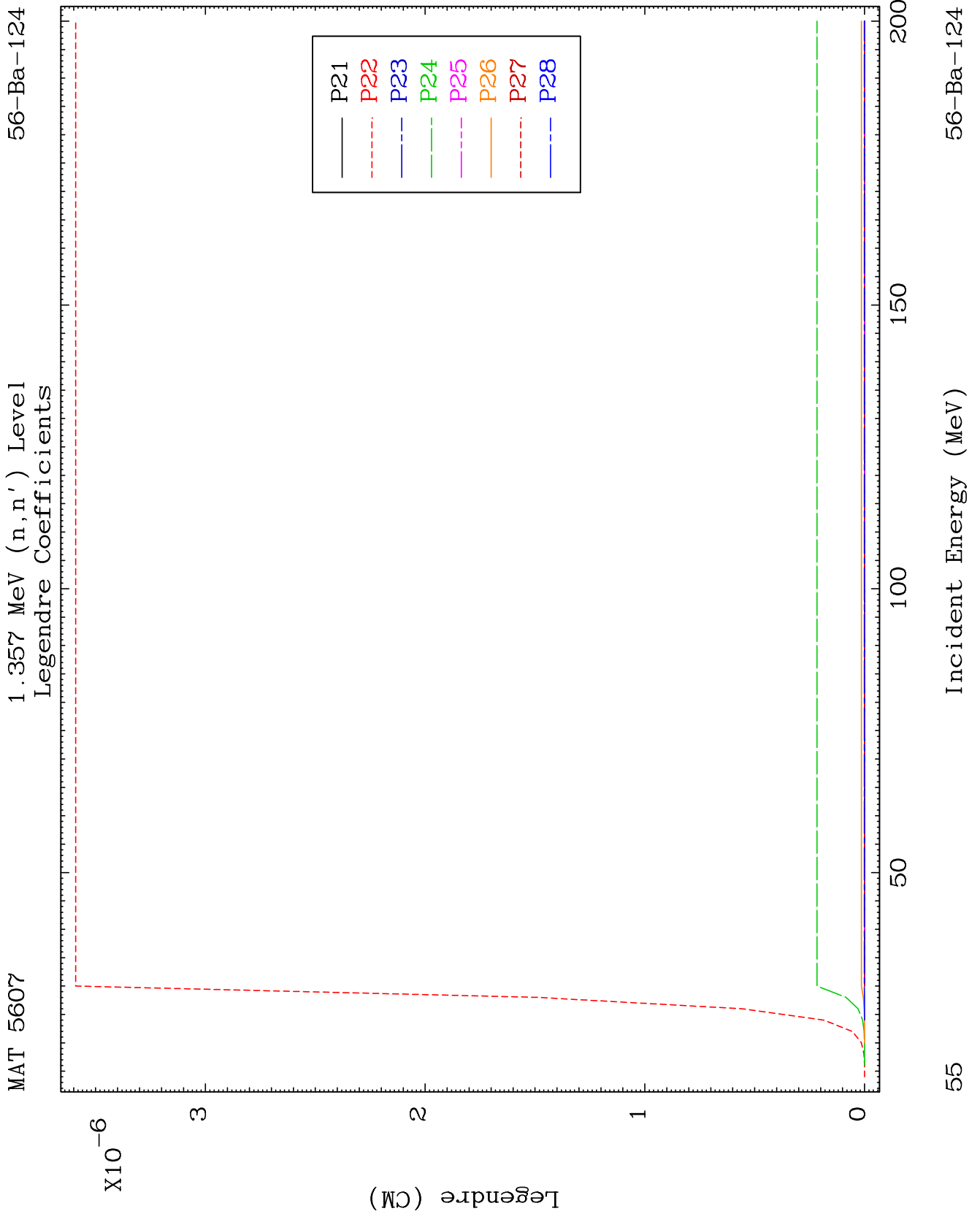
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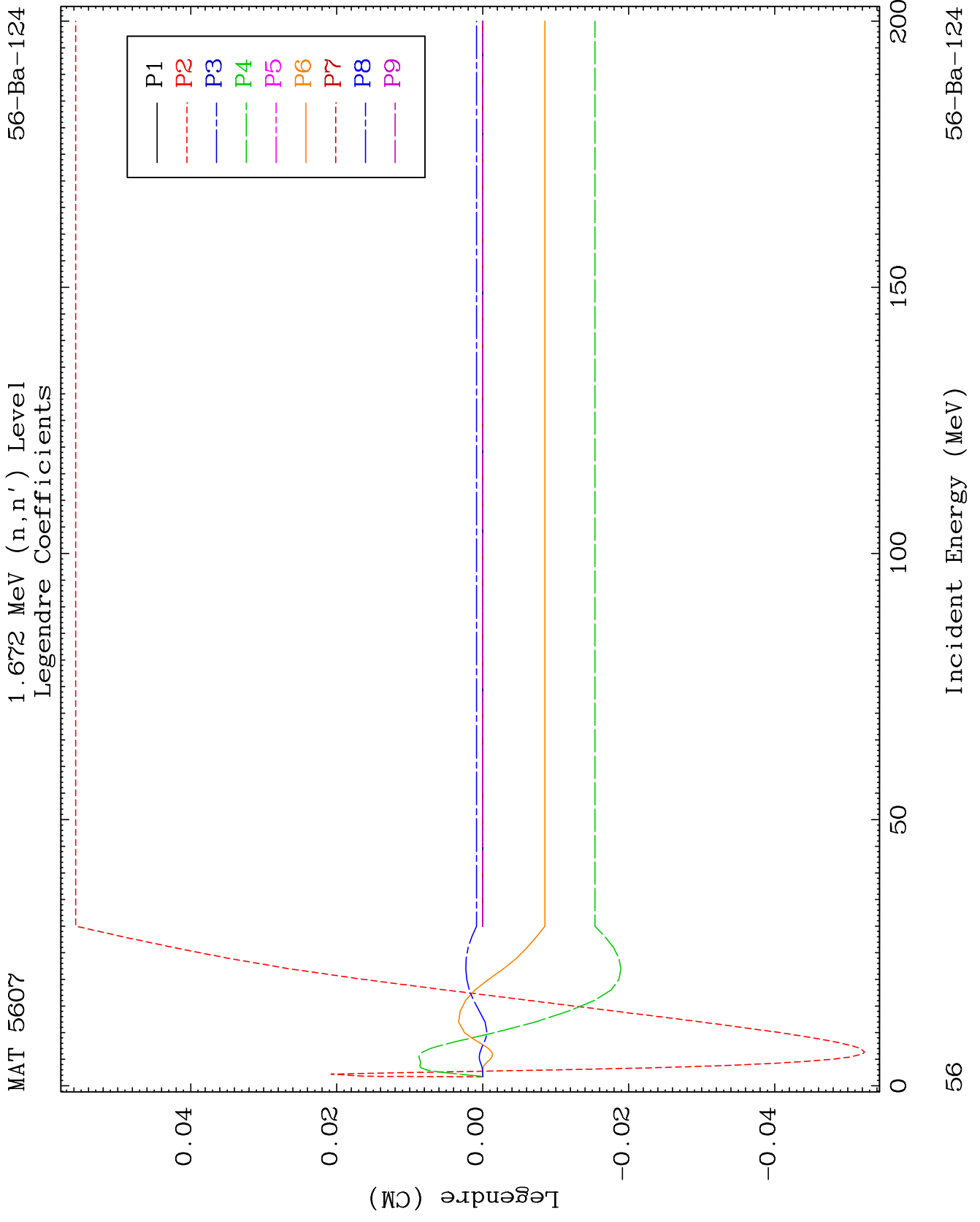


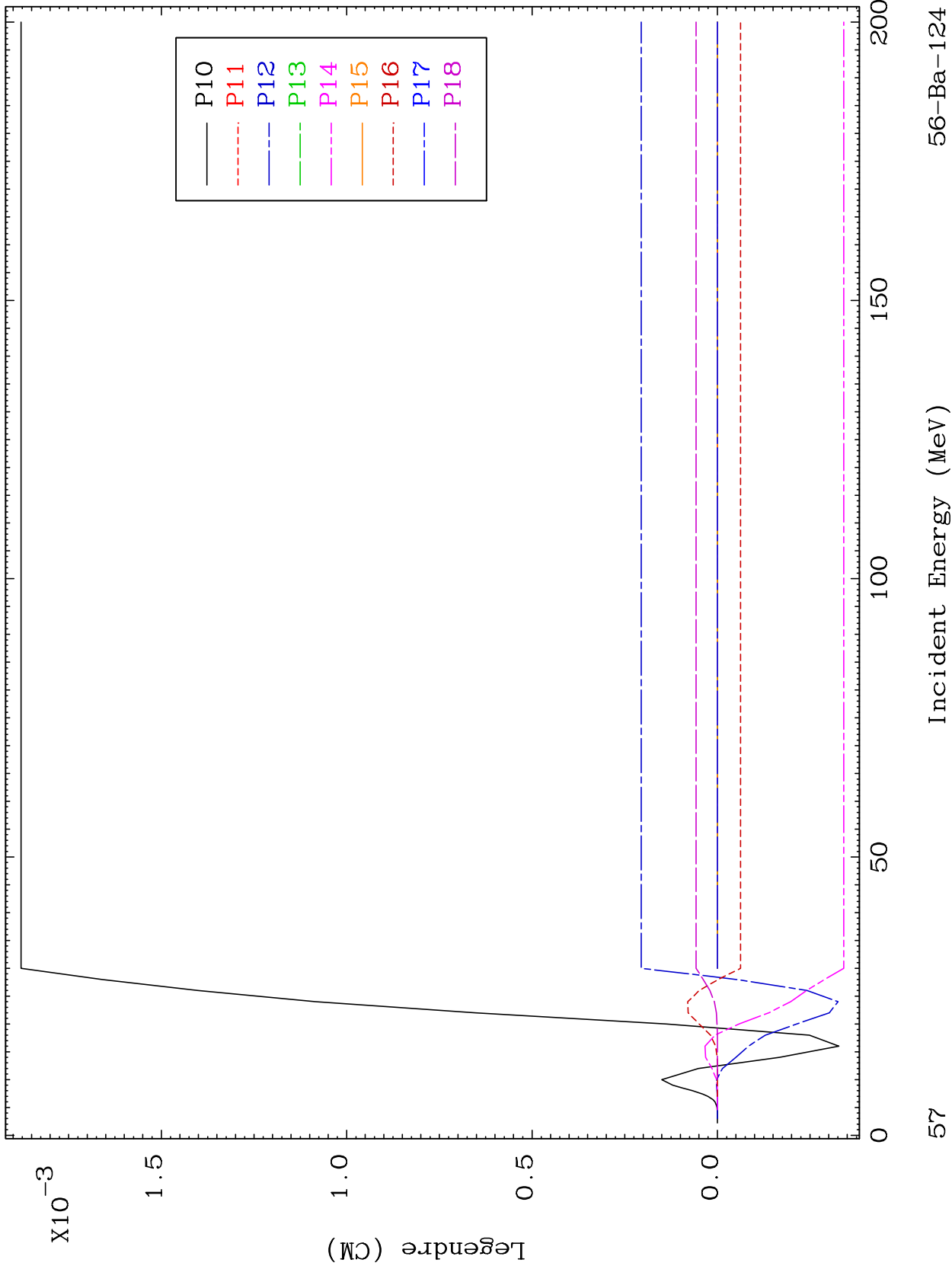
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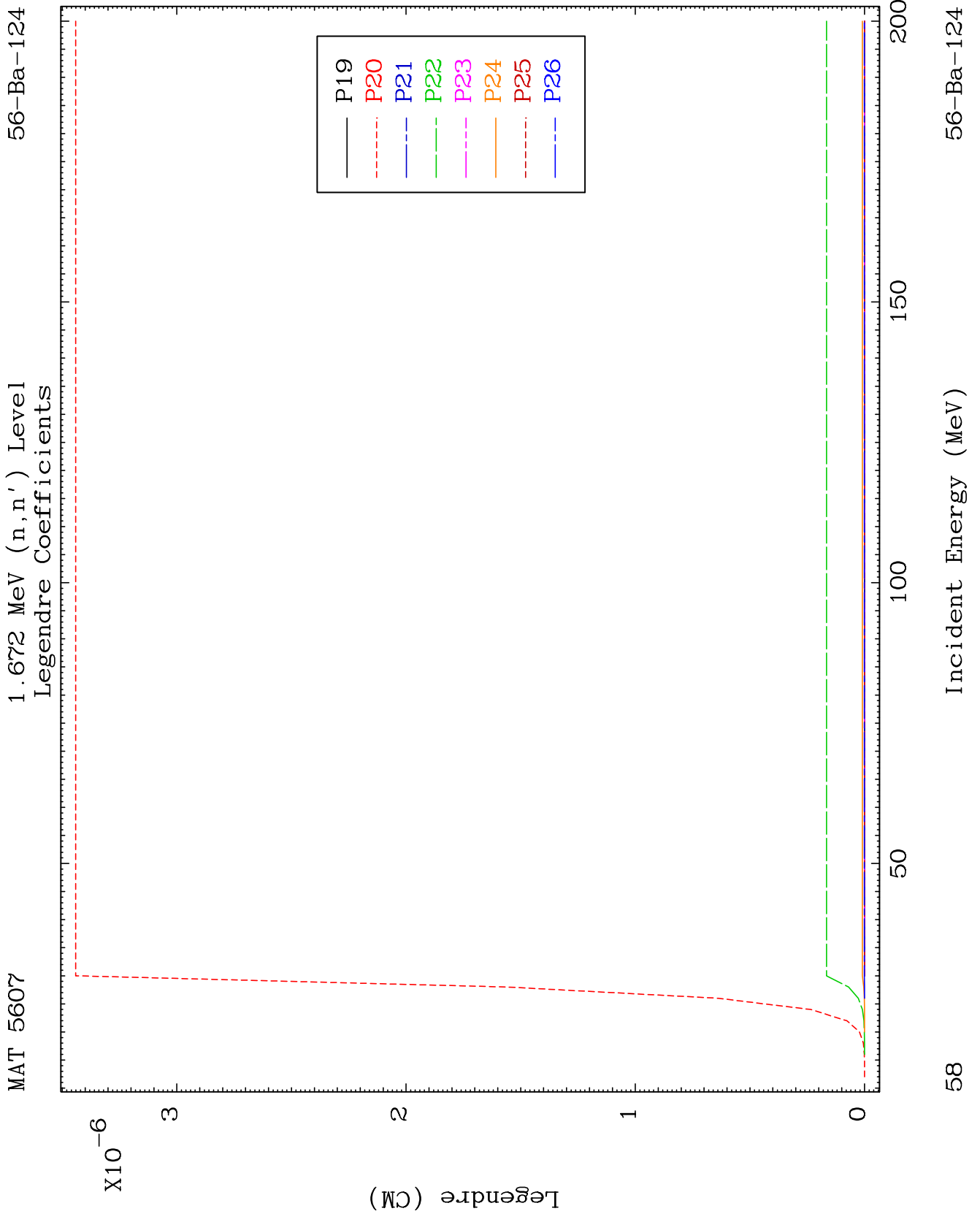
Incident Energy (MeV)

56-Ba-124





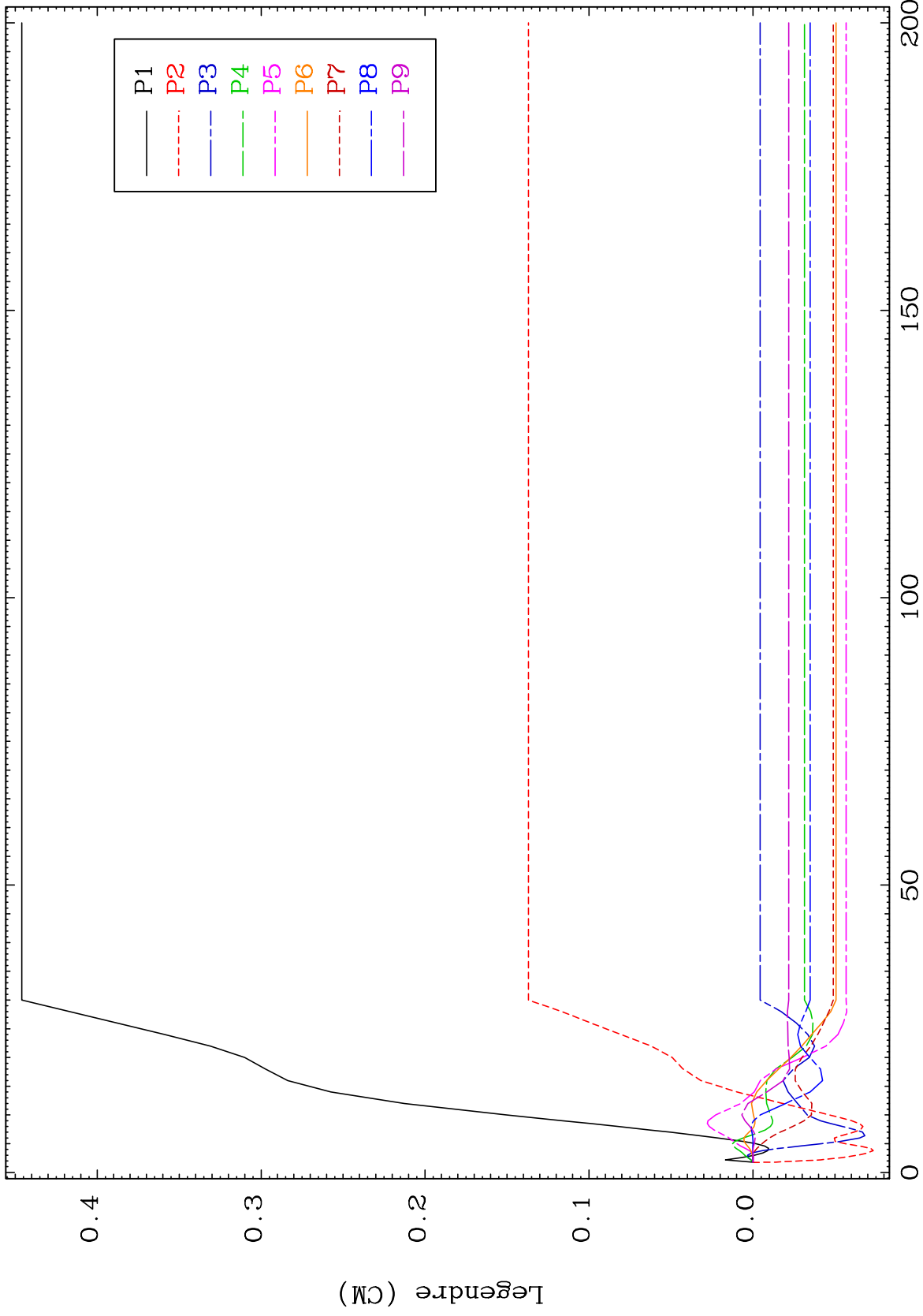




MAT 5607

1.722 MeV (n,n') Level
Legendre Coefficients

56-Ba-124



56-Ba-124

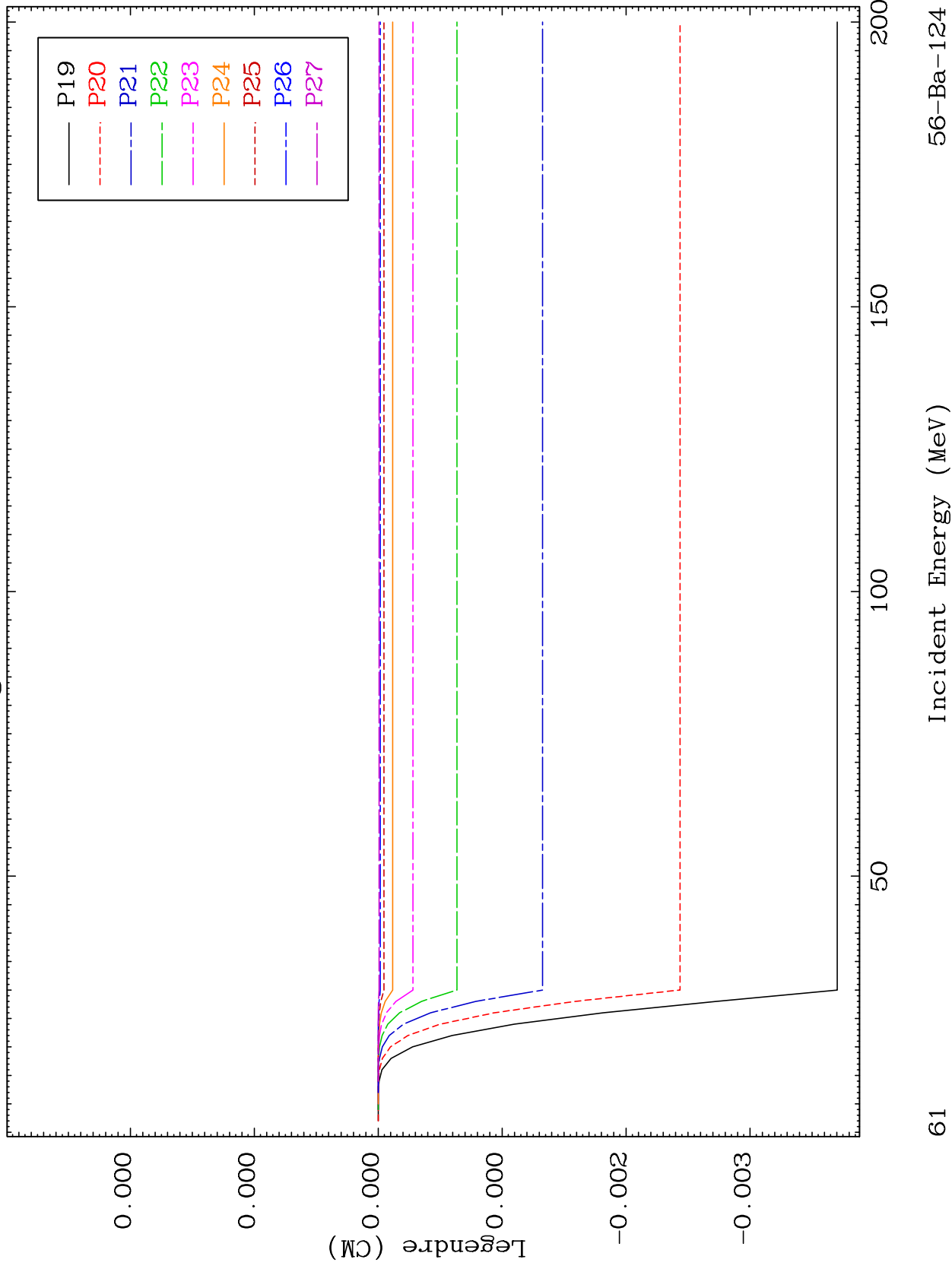
Incident Energy (MeV)

59

MAT 5607

1.722 MeV (n,n') Level
Legendre Coefficients

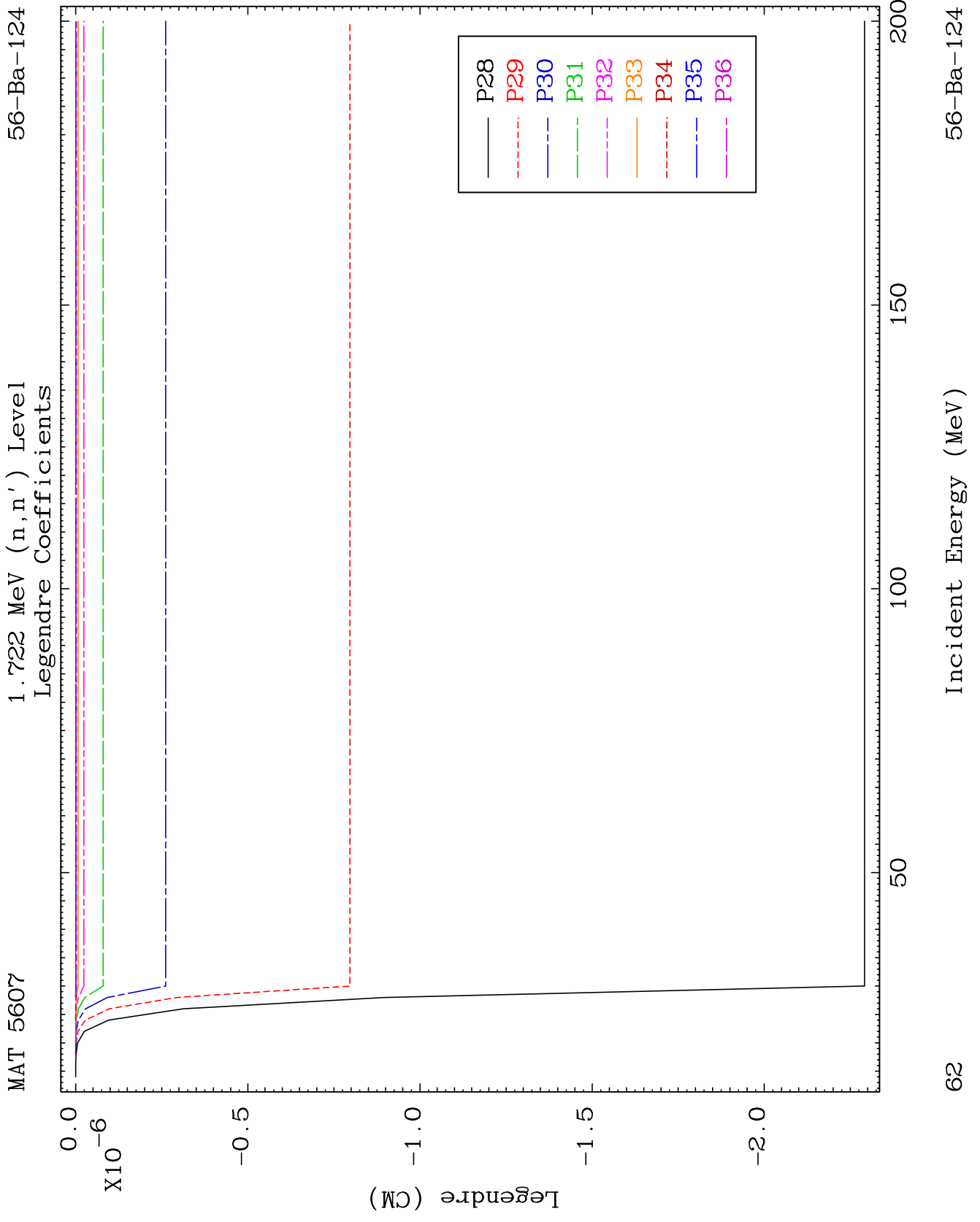
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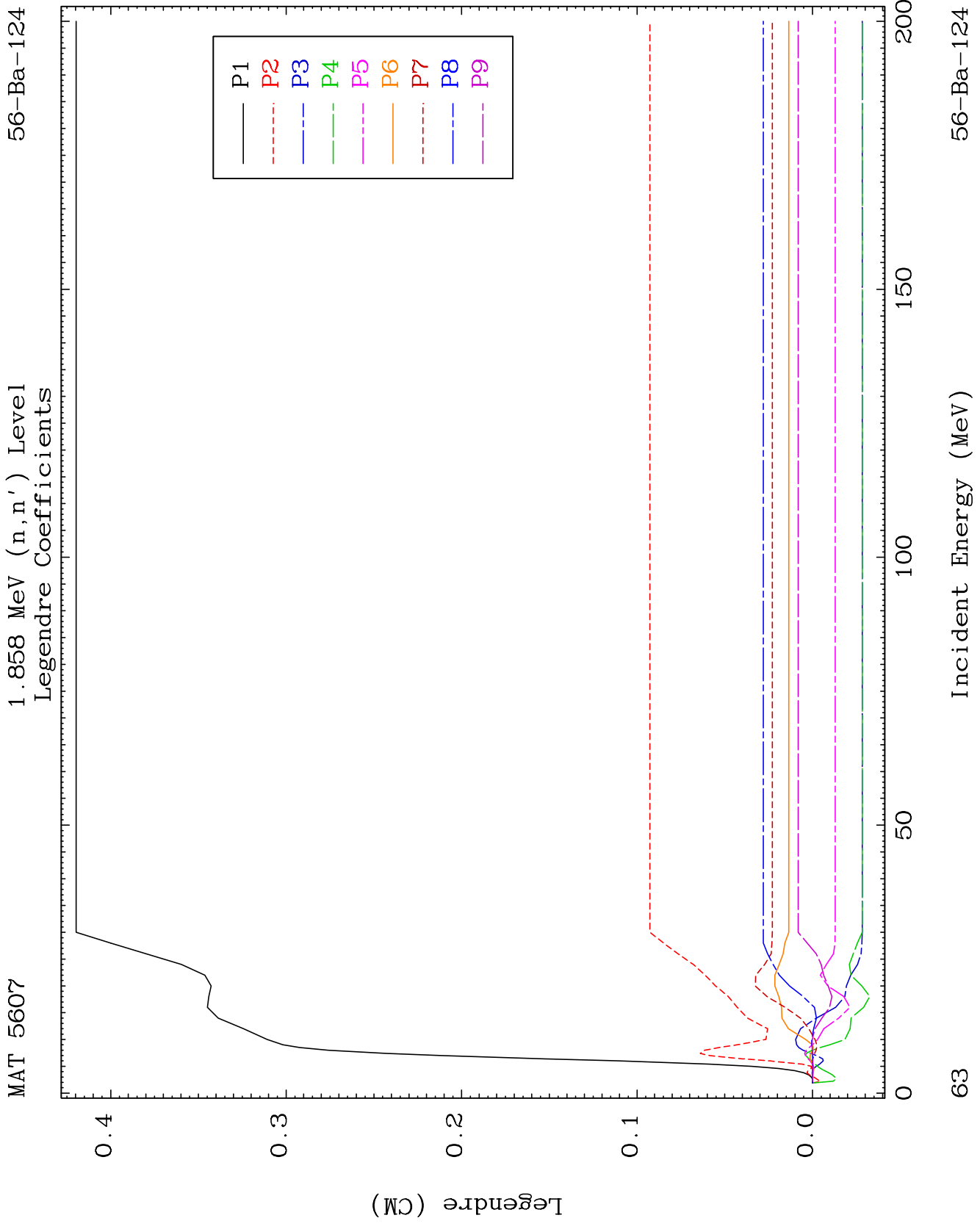


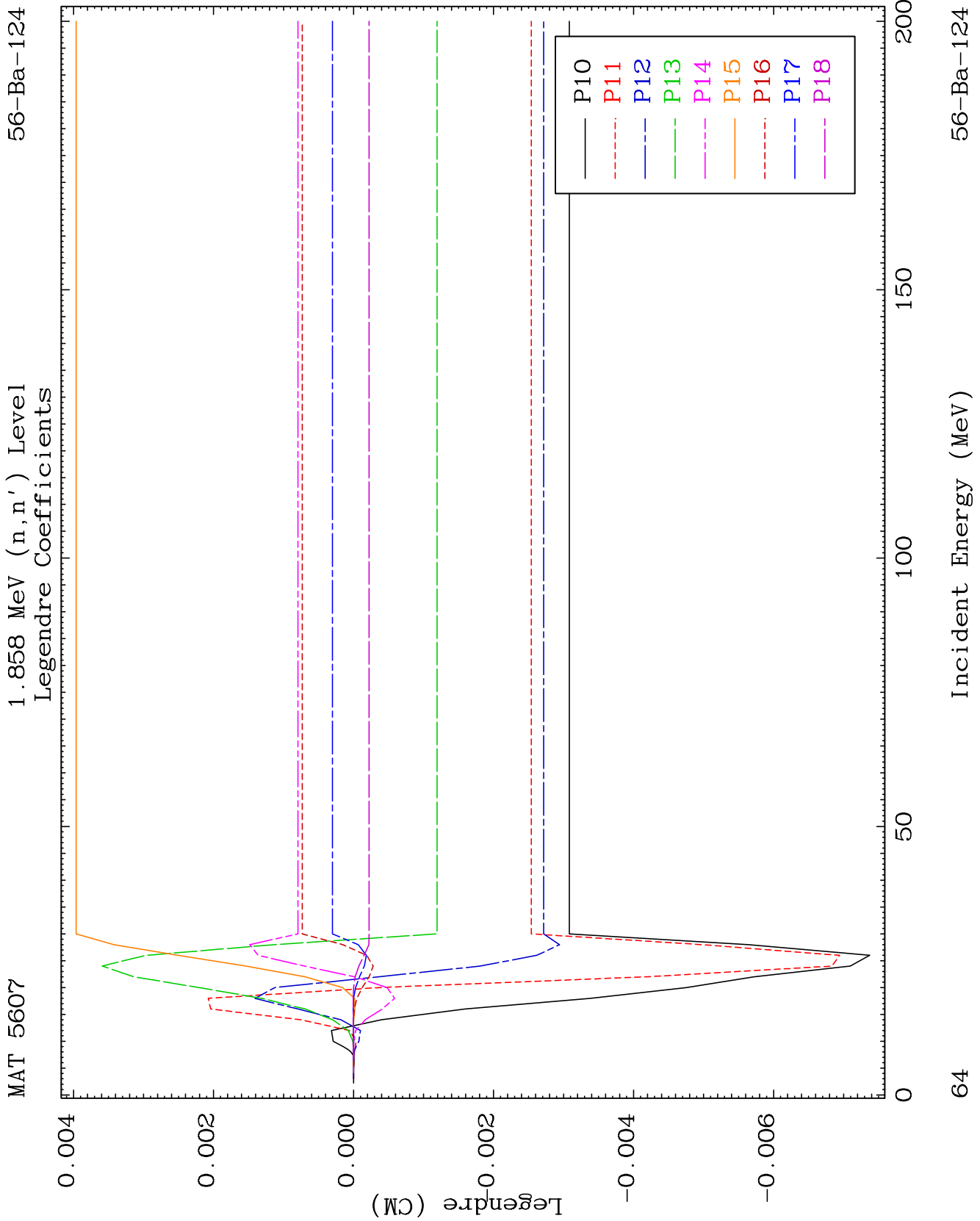
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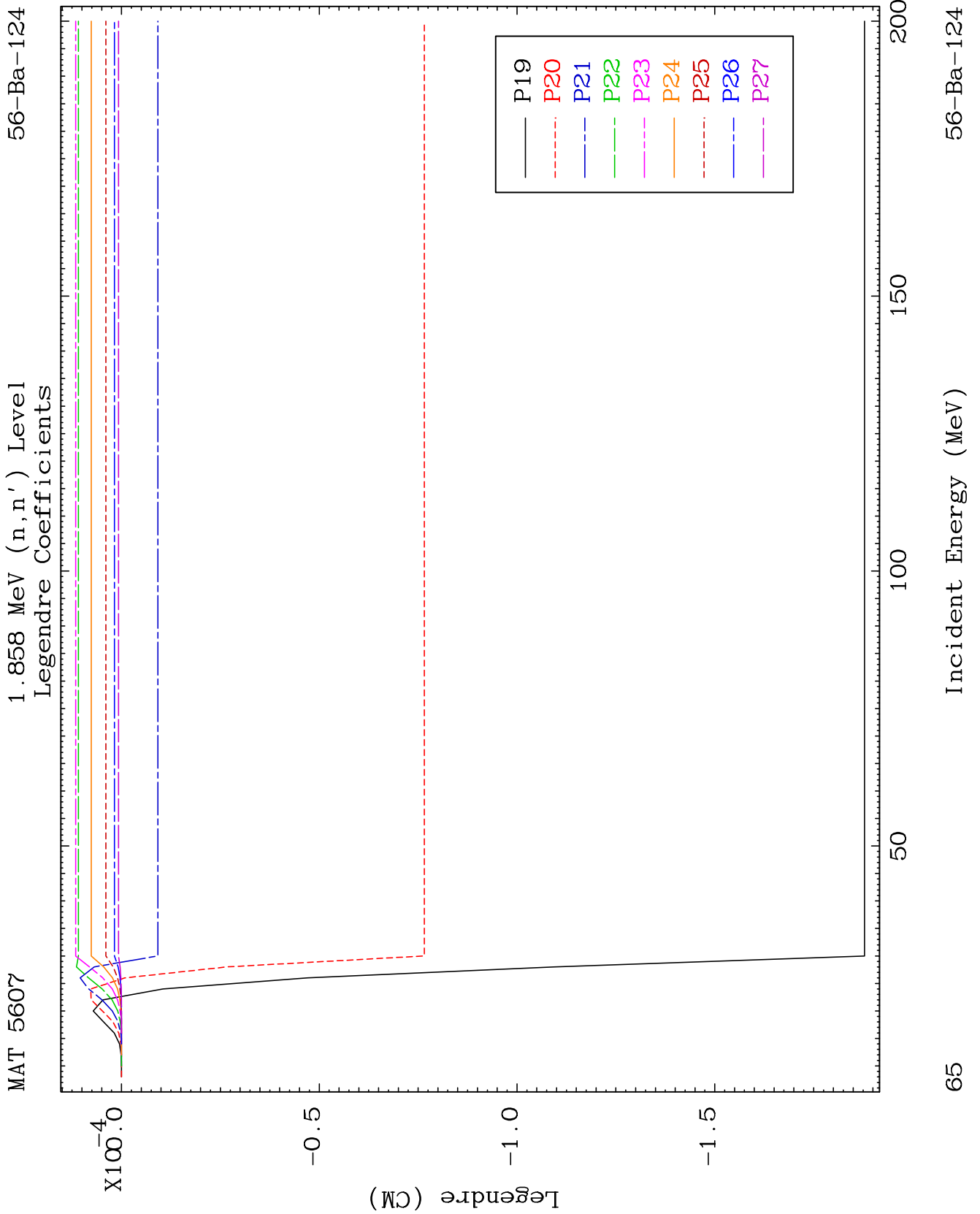
Incident Energy (MeV)

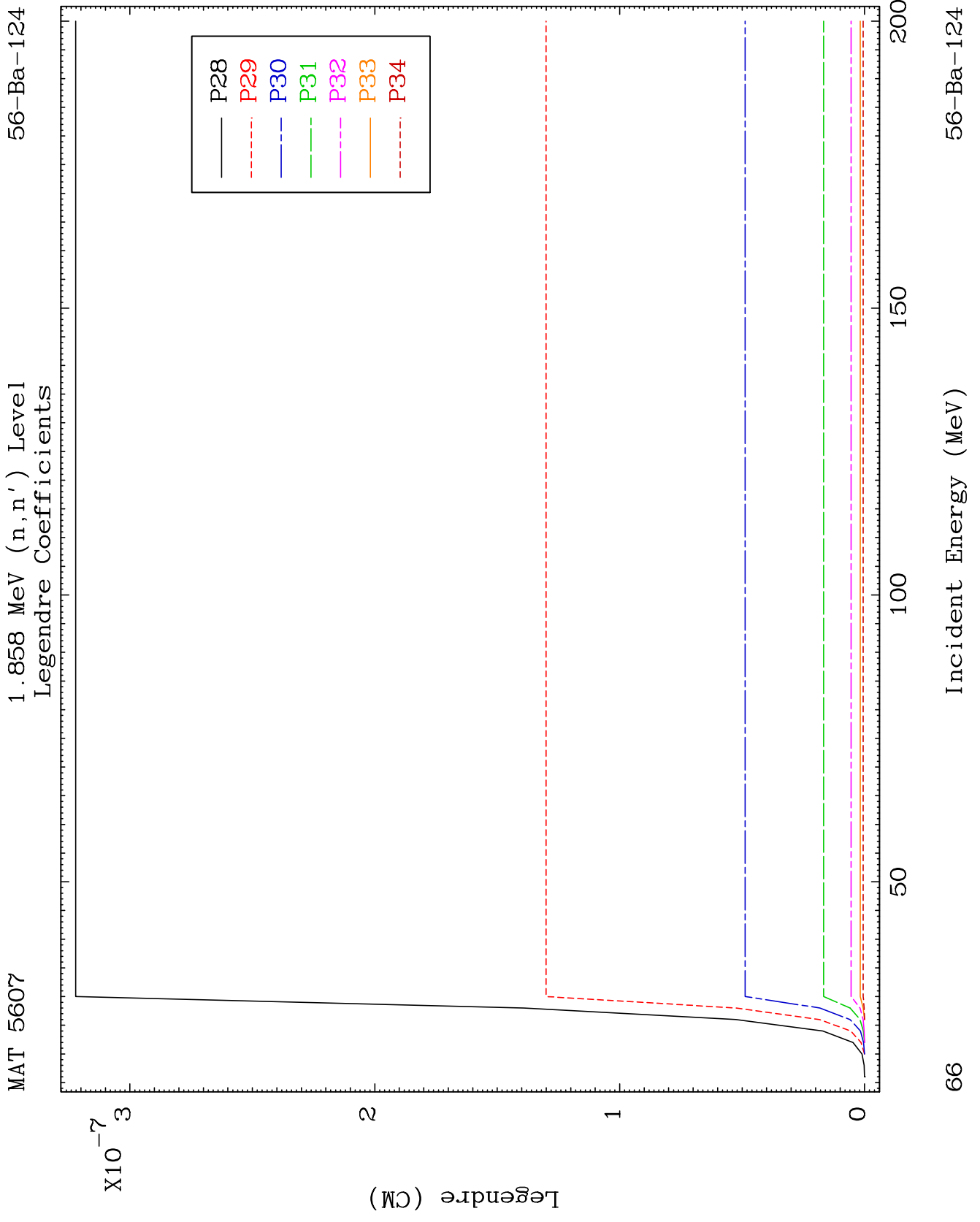
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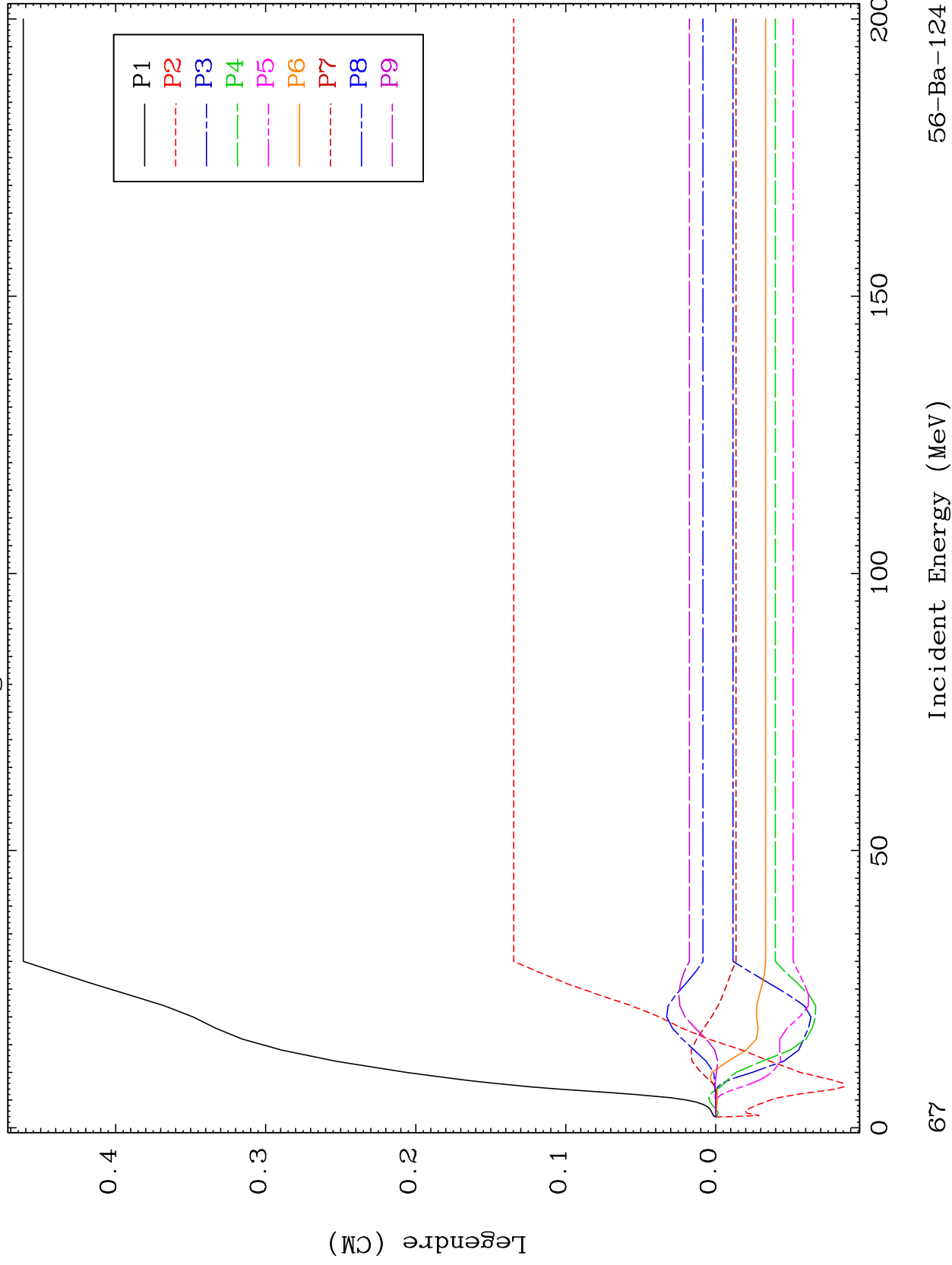




MAT 5607

1.913 MeV (n,n') Level
Legendre Coefficients

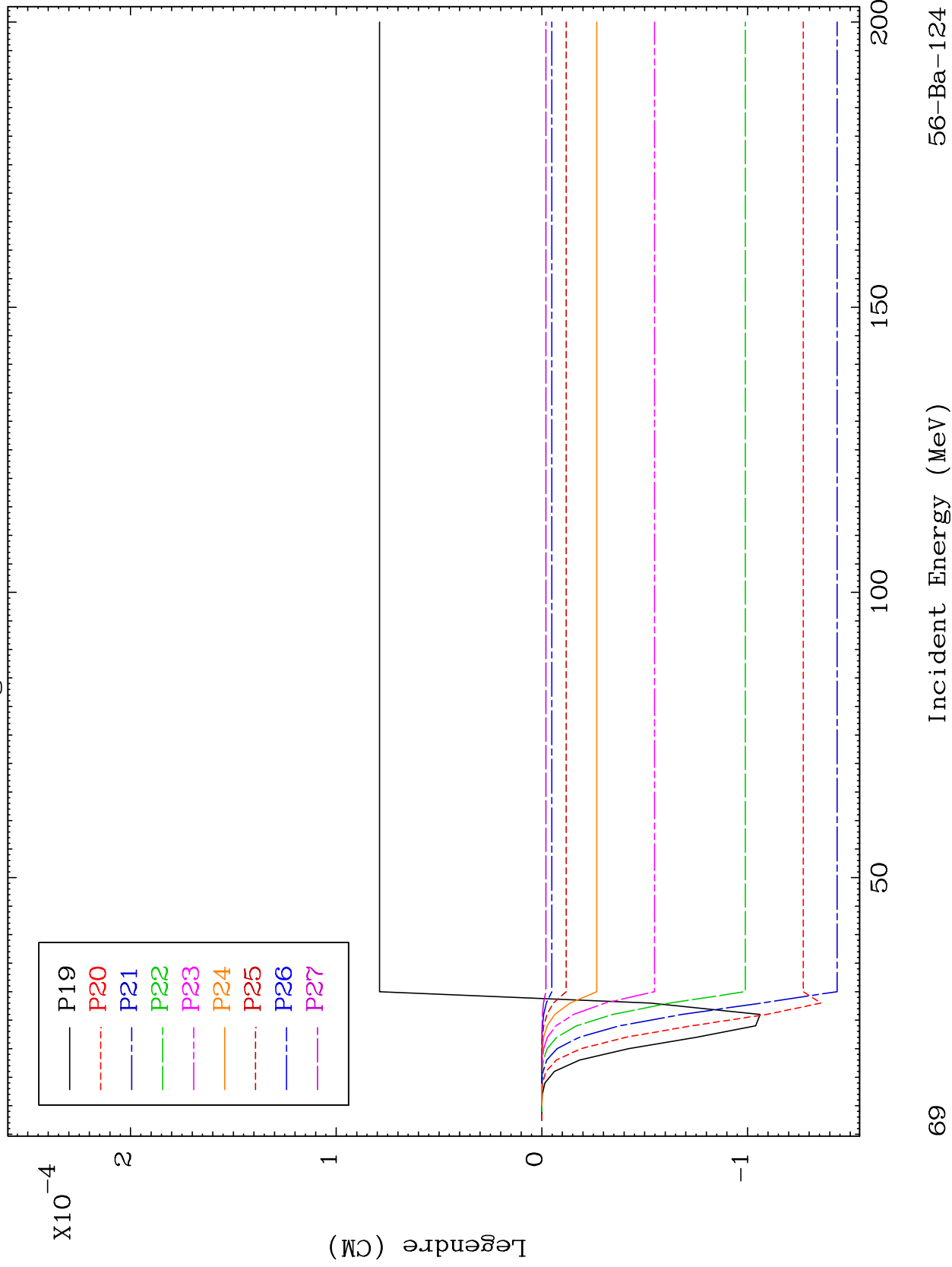
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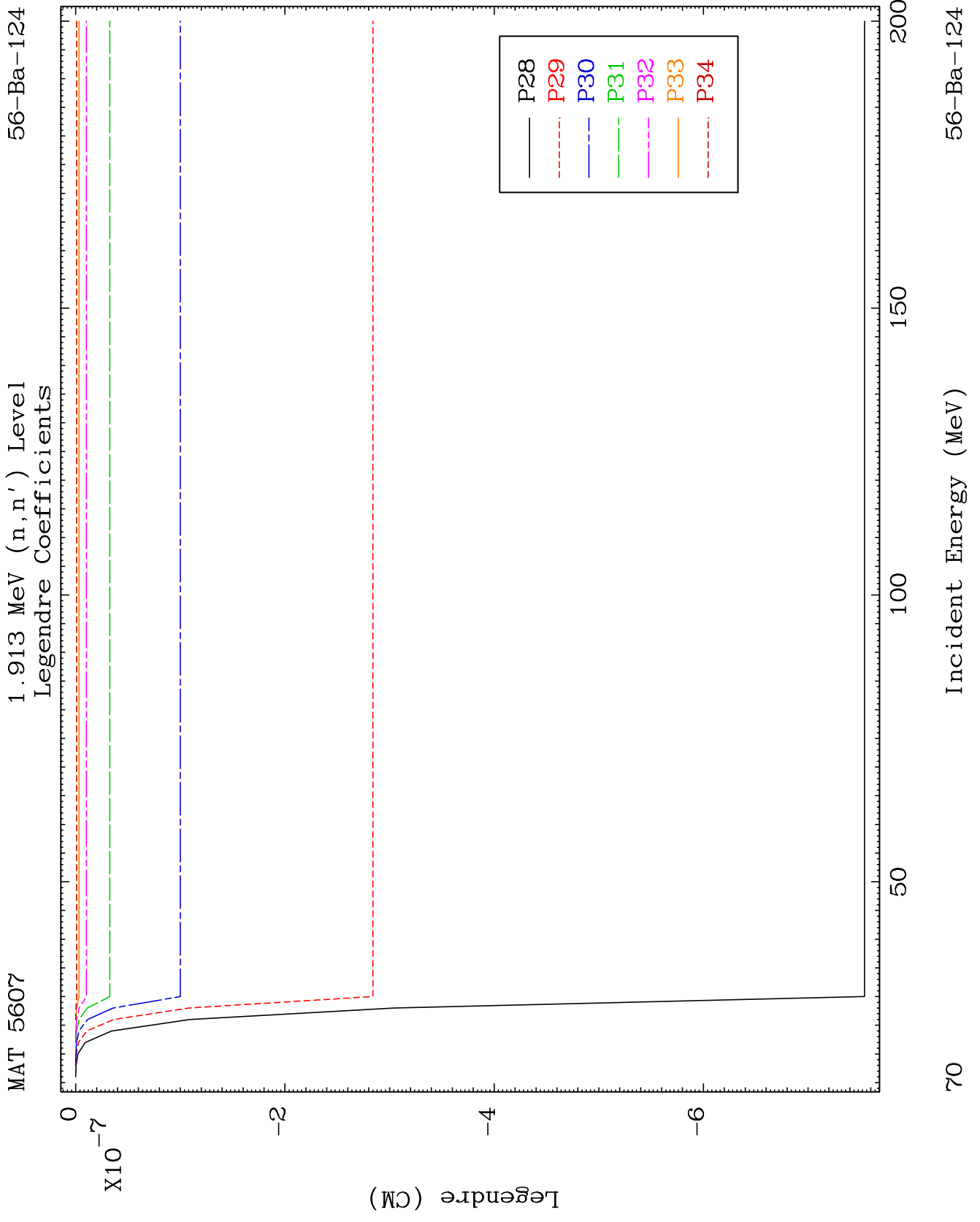


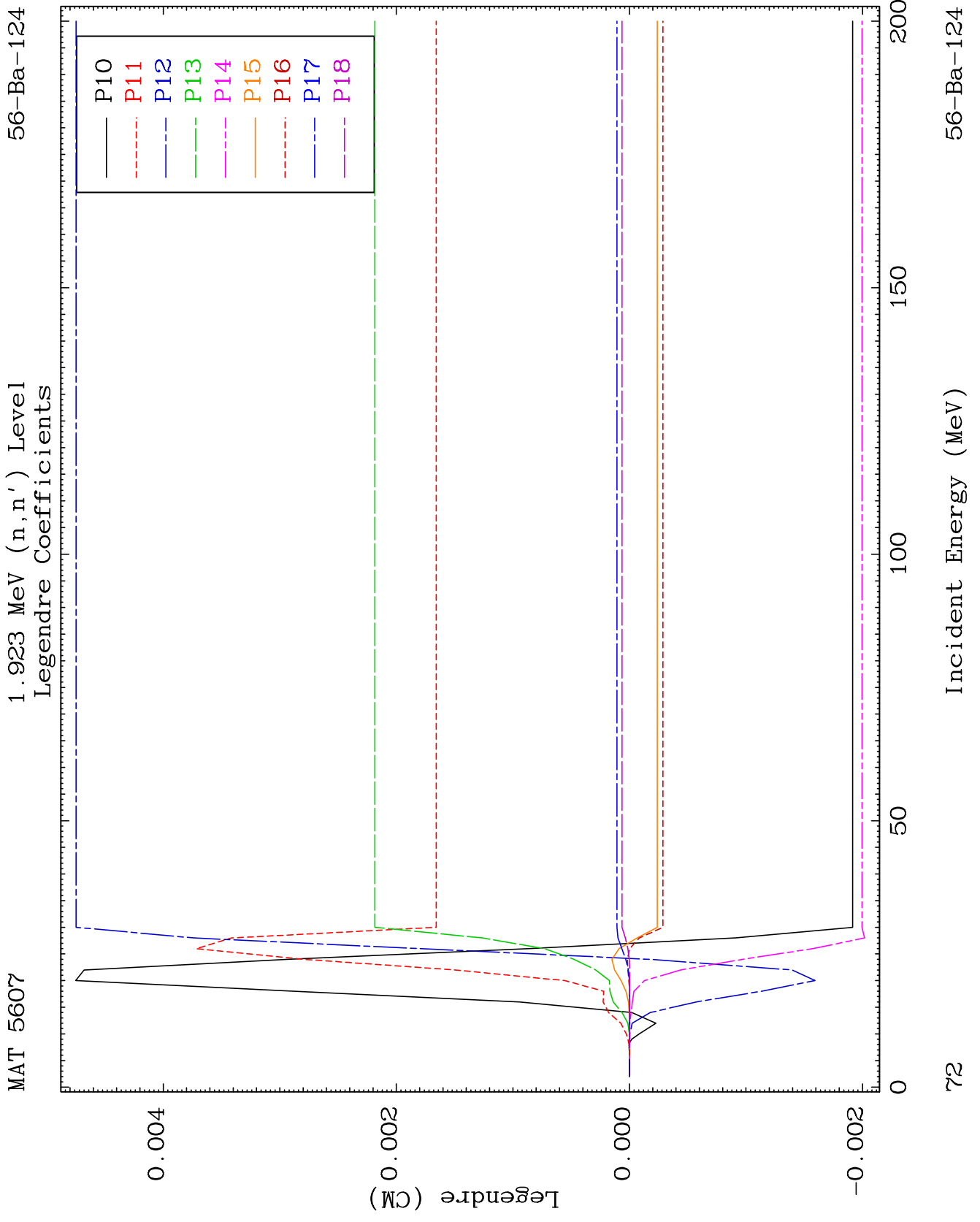
MAT 5607

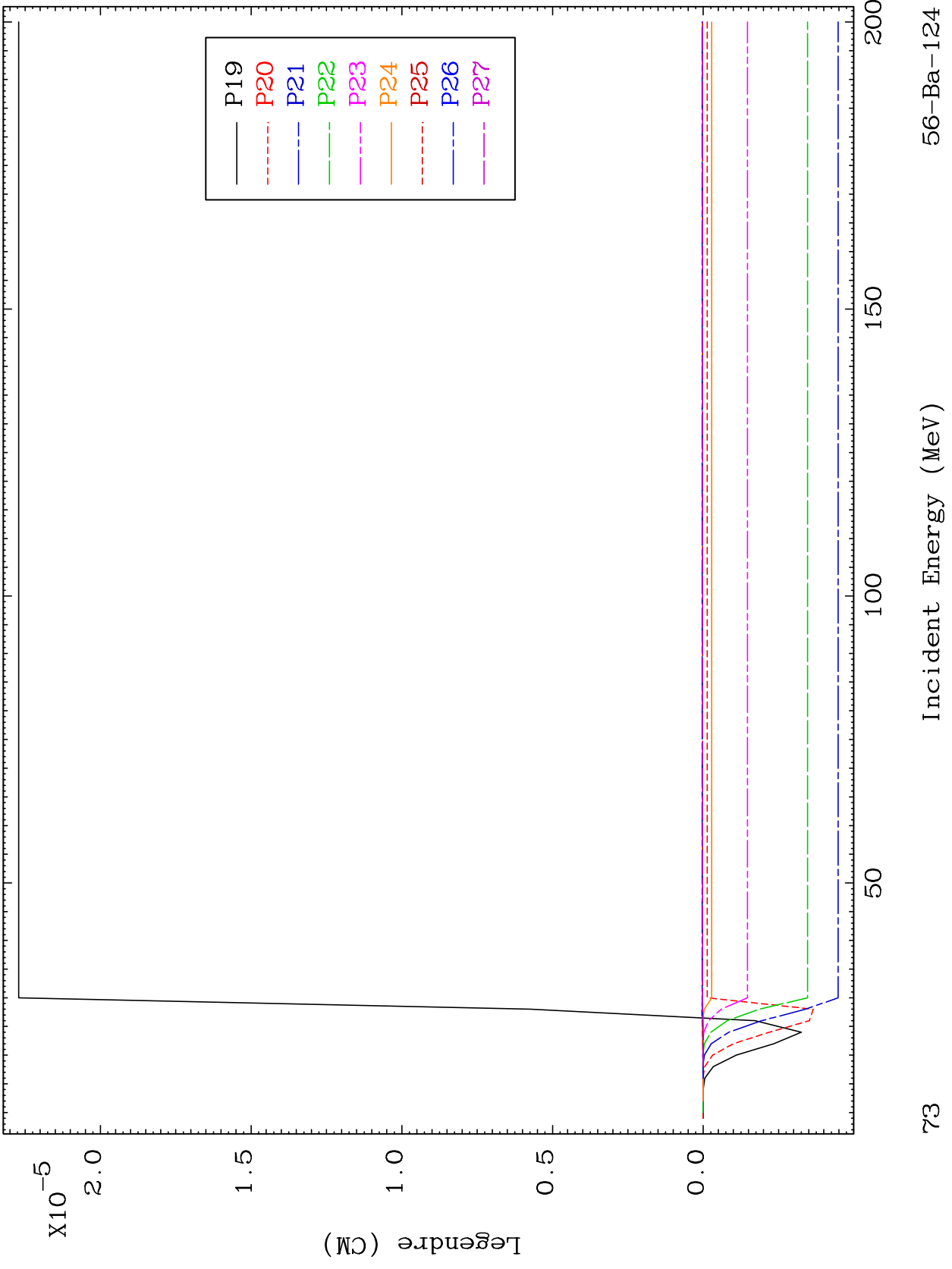
1.913 MeV (n,n') Level
Legendre Coefficients

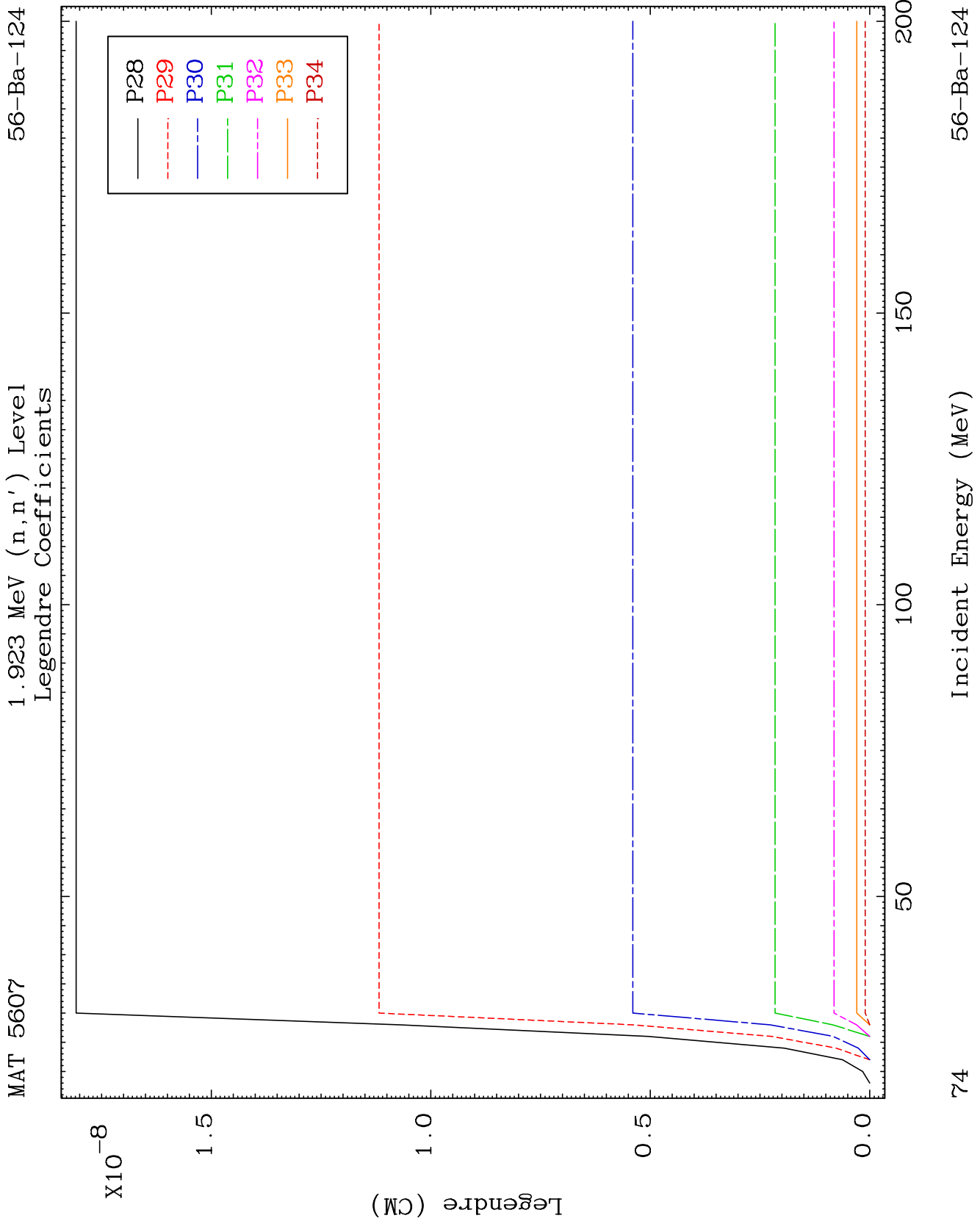
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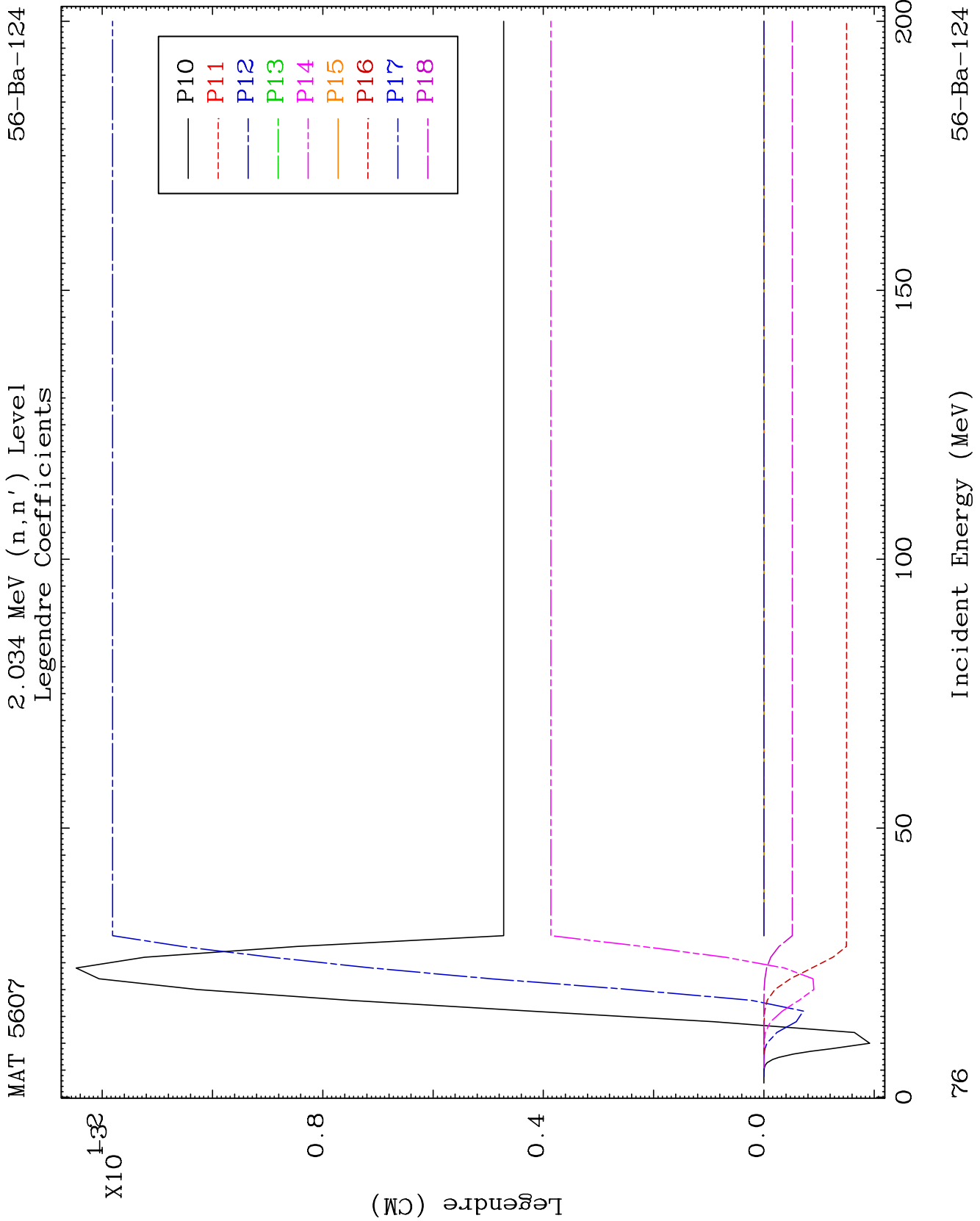


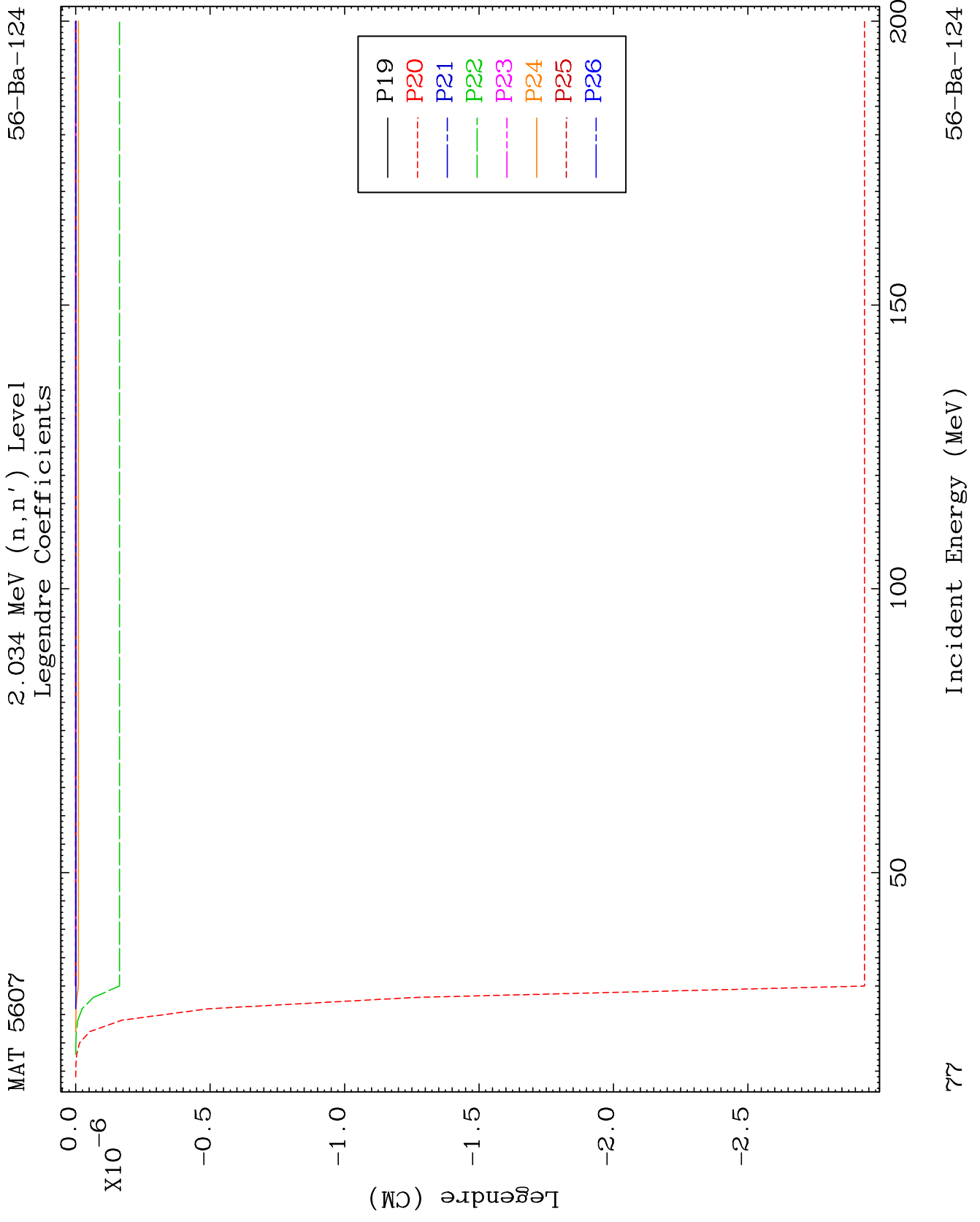










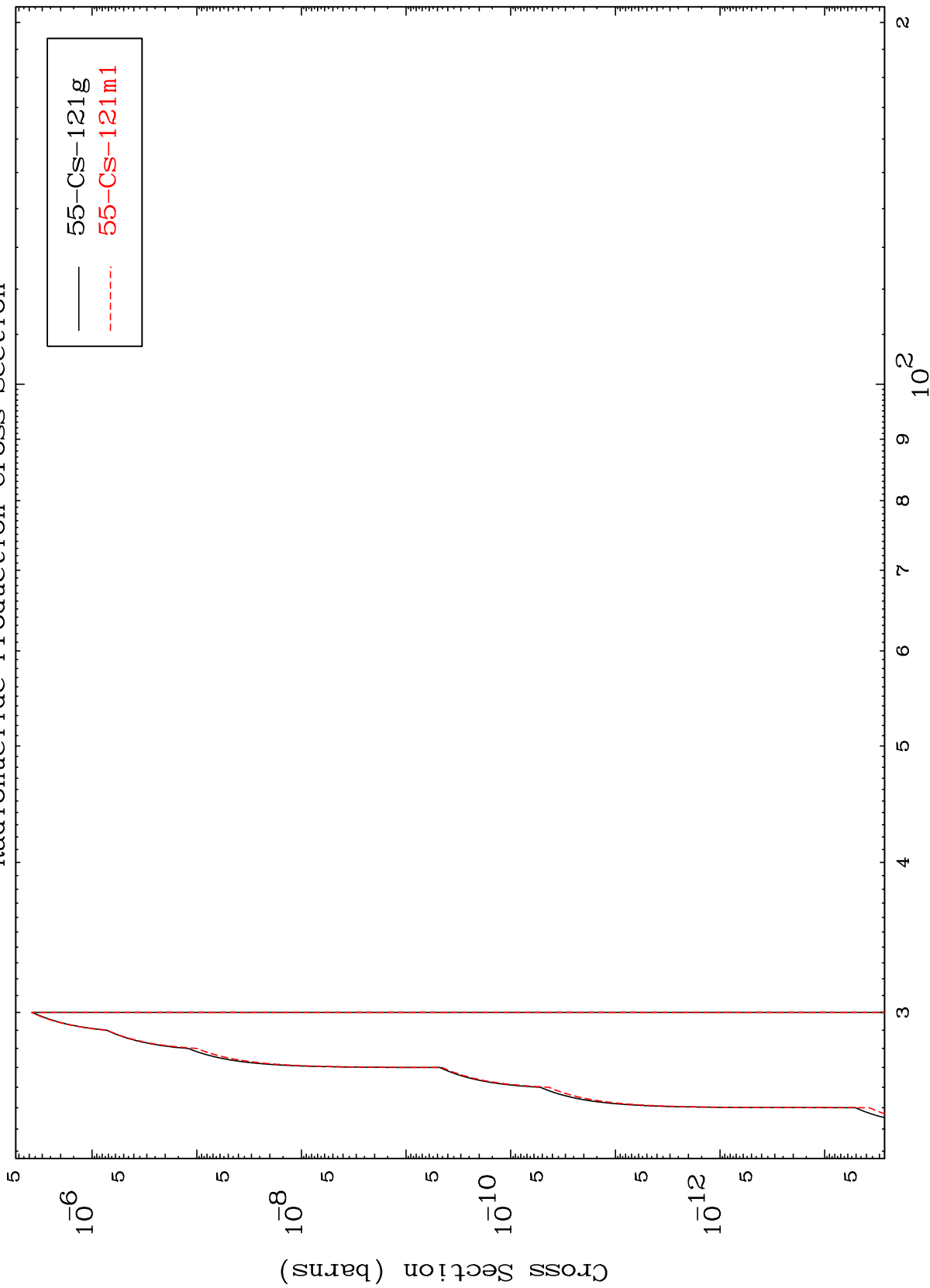


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(n,2n) d

56-Ba-124

Radionuclide Production Cross Section



78

Incident Energy (MeV)

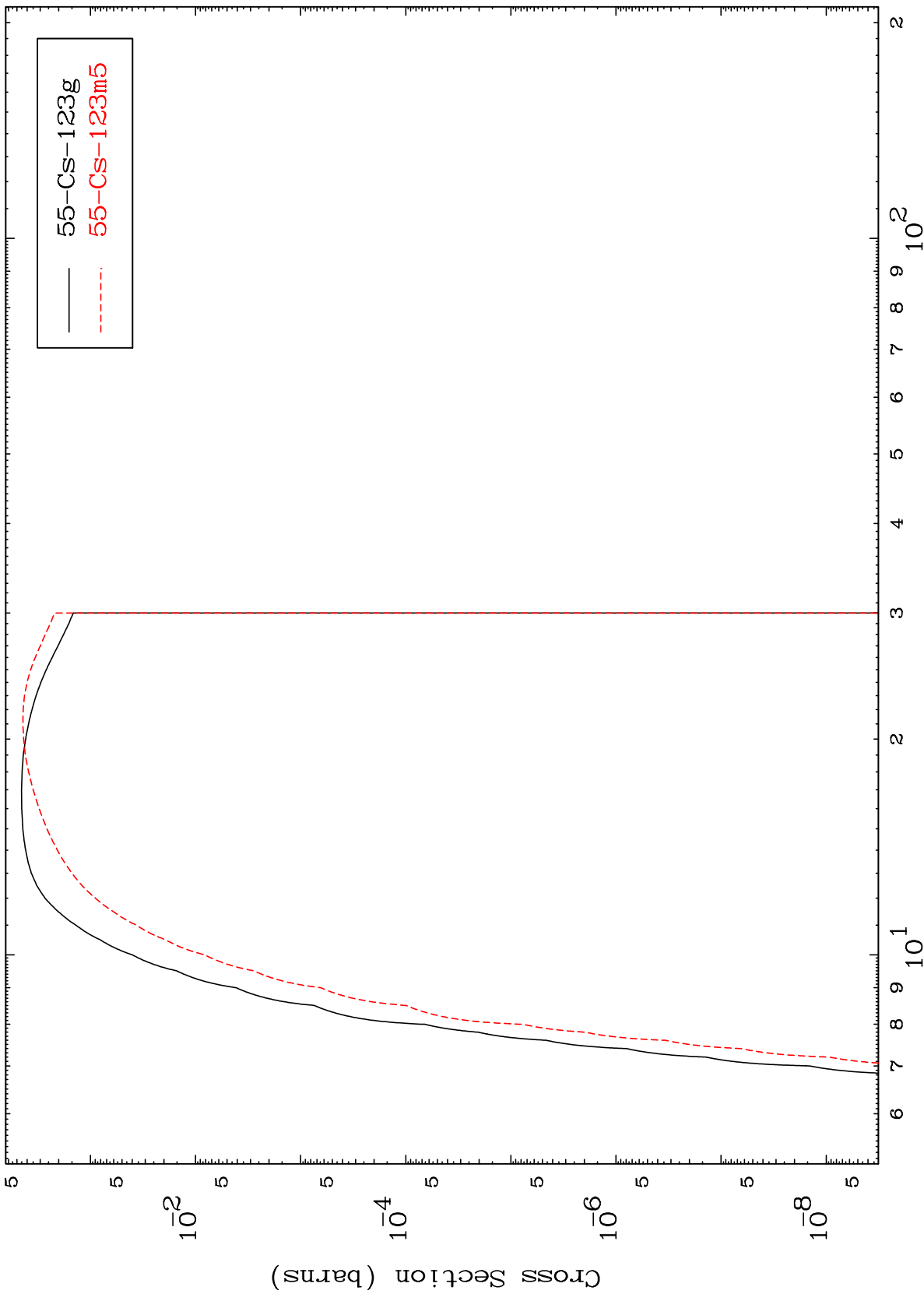
56-Ba-124

MAT 5607

(n,n') p

56-Ba-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

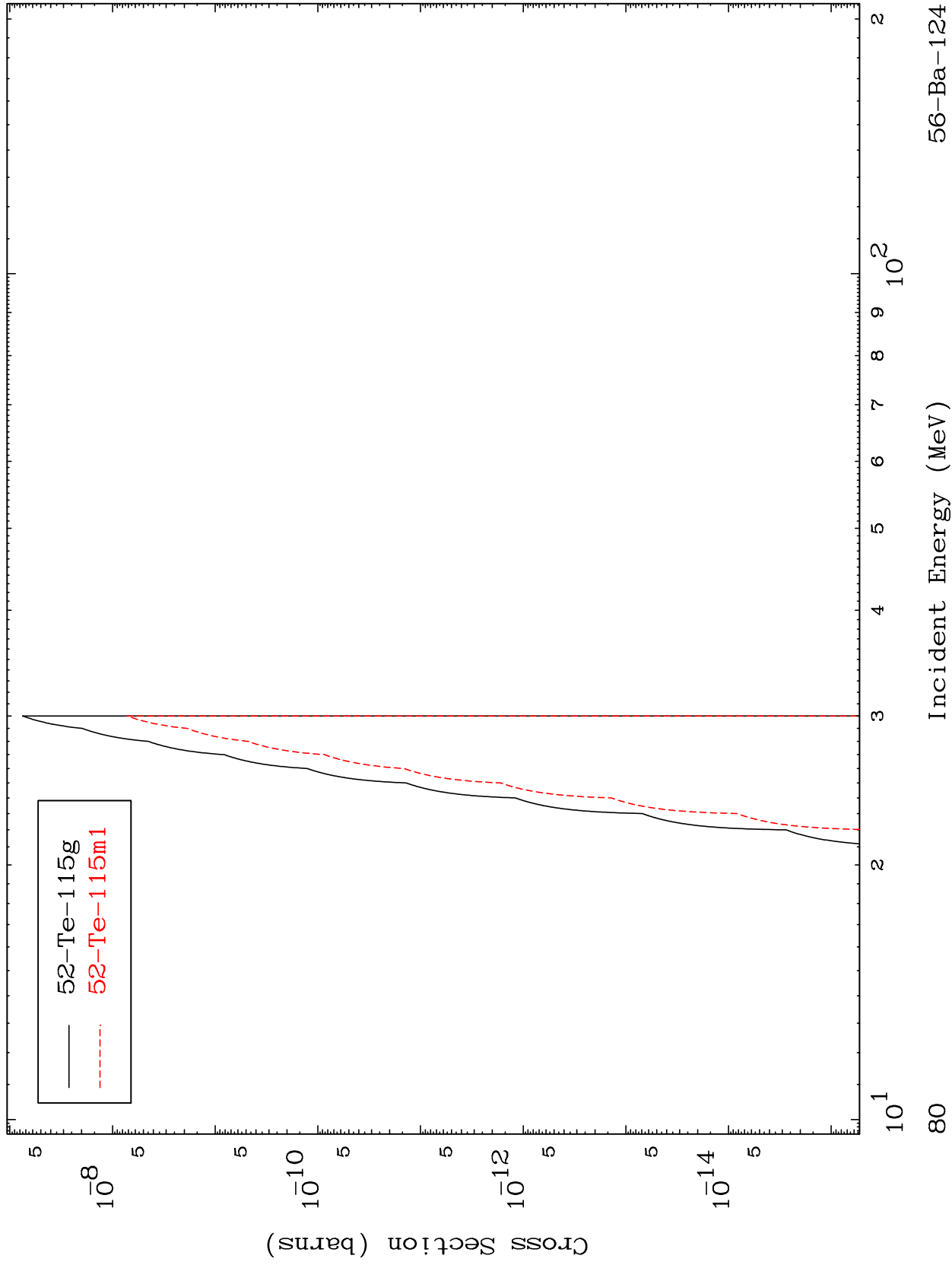
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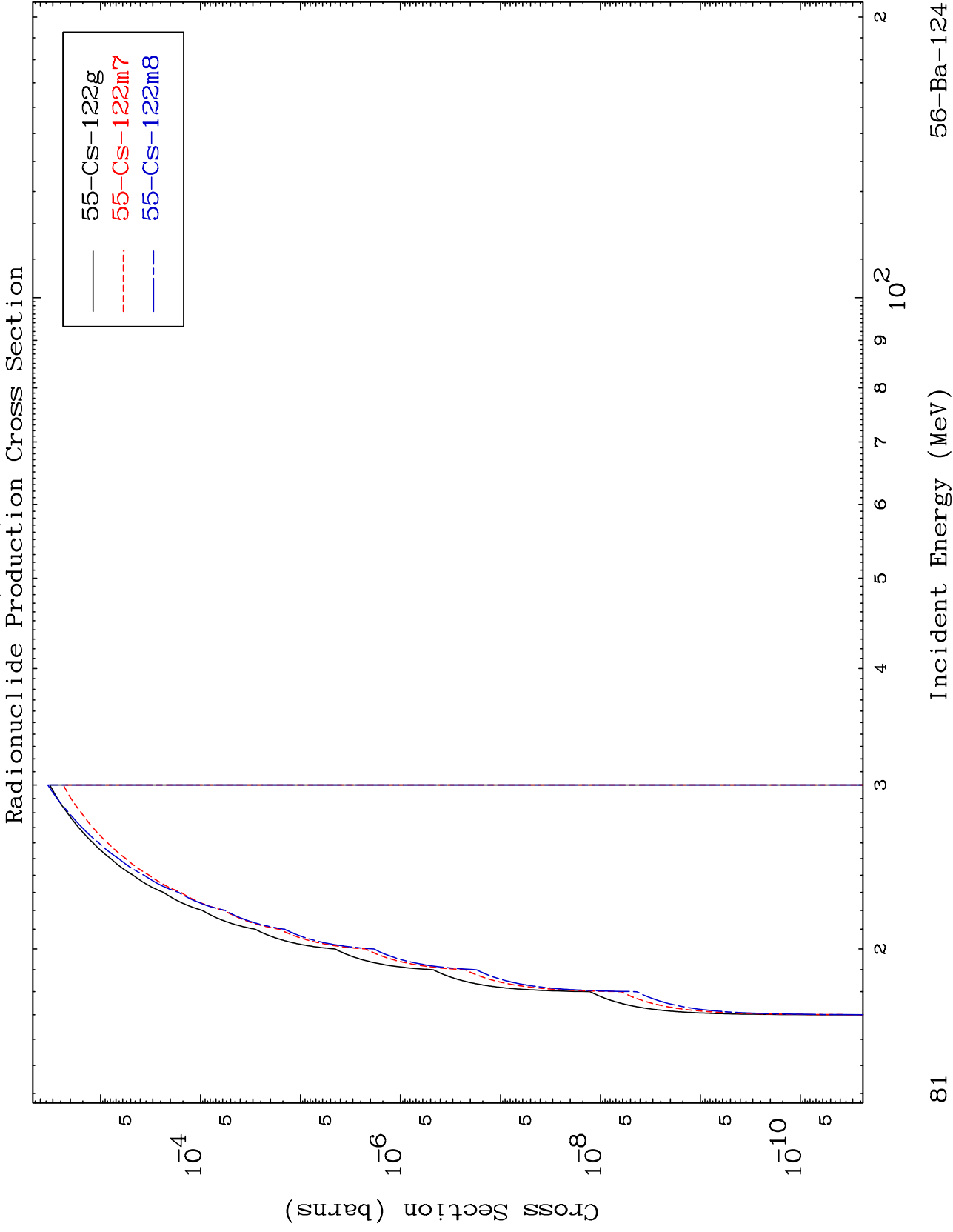
MAT 5607

(n,2n) 2 α

56-Ba-124

Radionuclide Production Cross Section



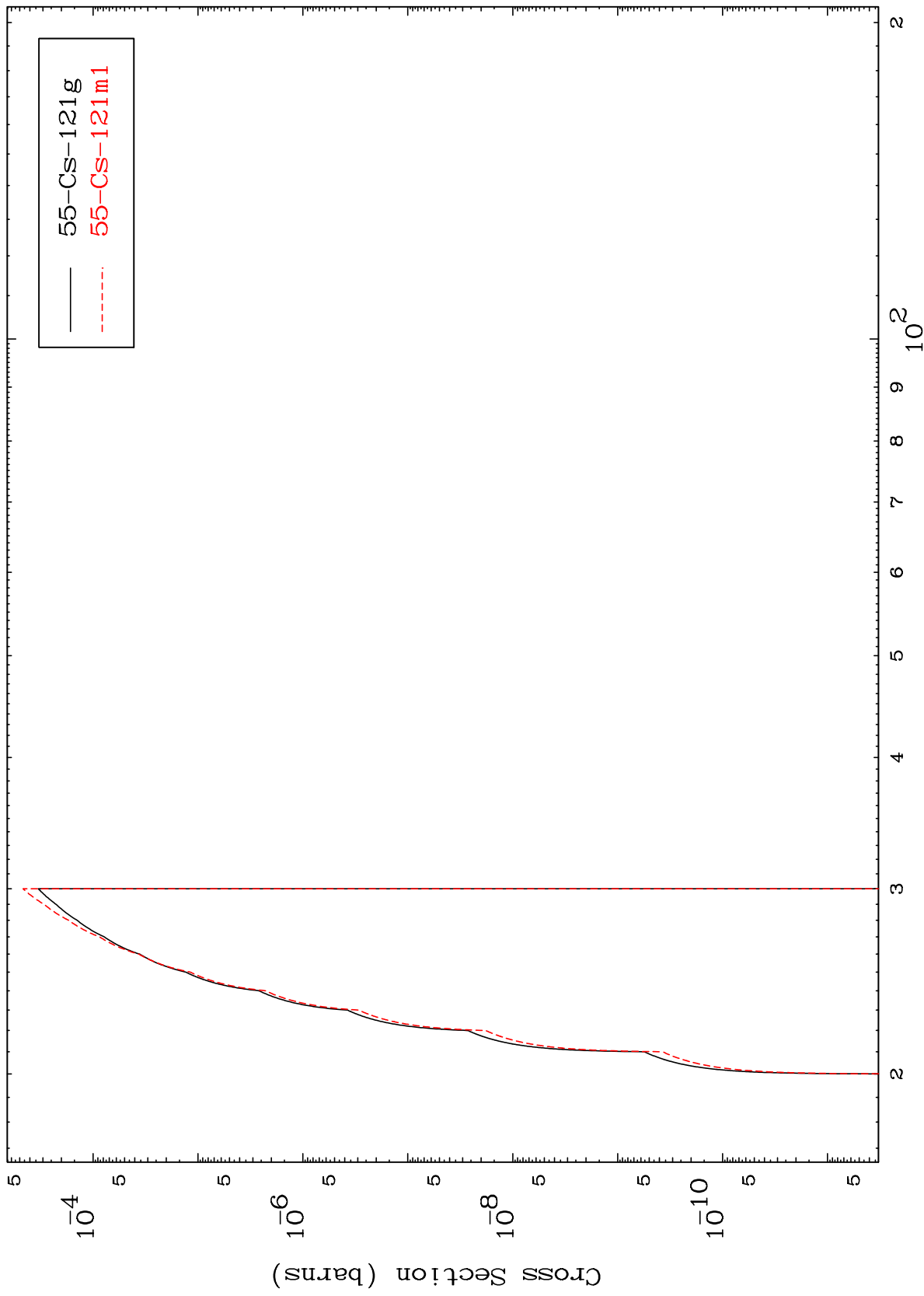


MAT 5607

(n,n') t

56-Ba-124

Radionuclide Production Cross Section



82

Incident Energy (MeV)

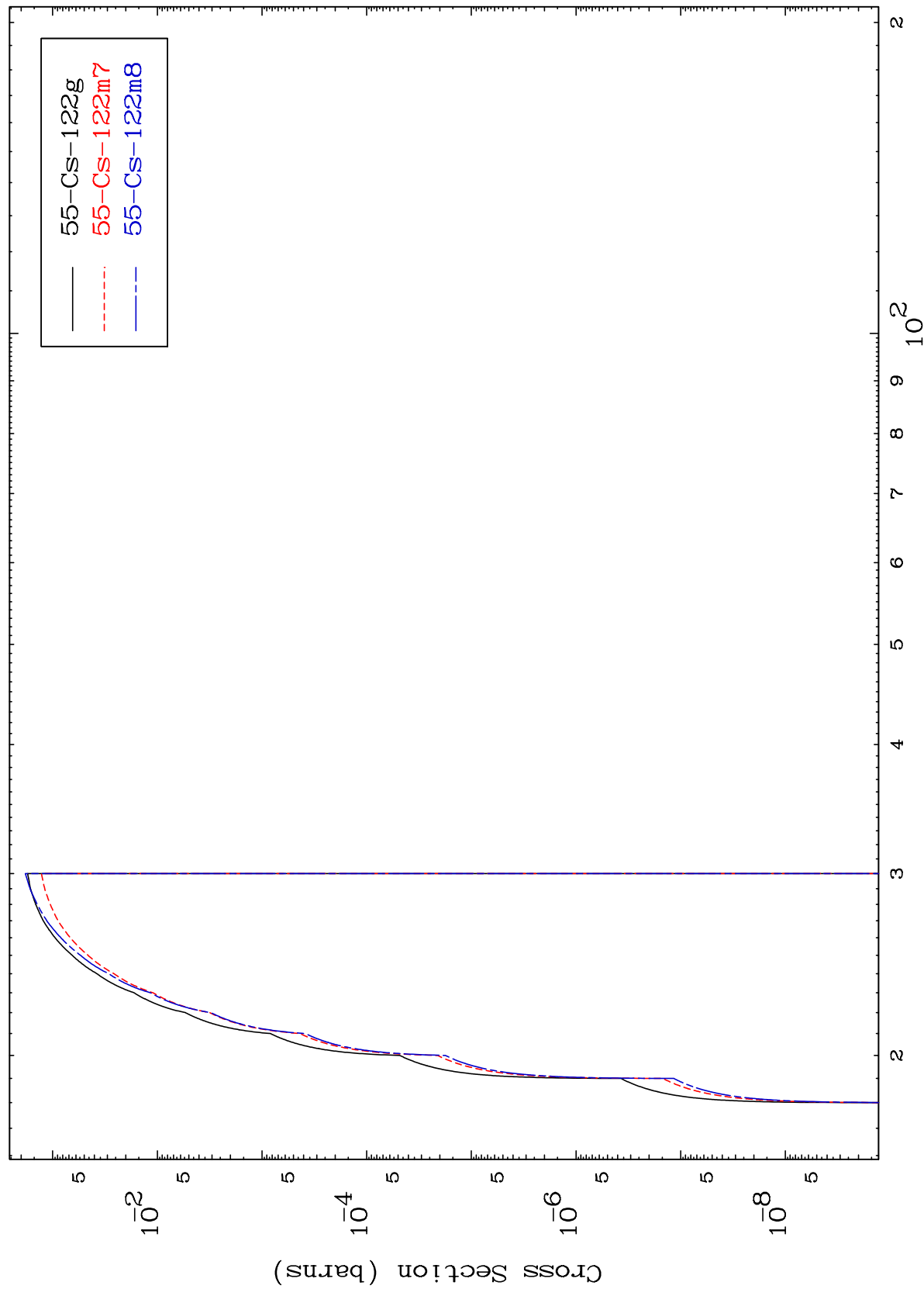
56-Ba-124

MAT 5607

(n,2n) p

56-Ba-124

Radionuclide Production Cross Section



83

Incident Energy (MeV)

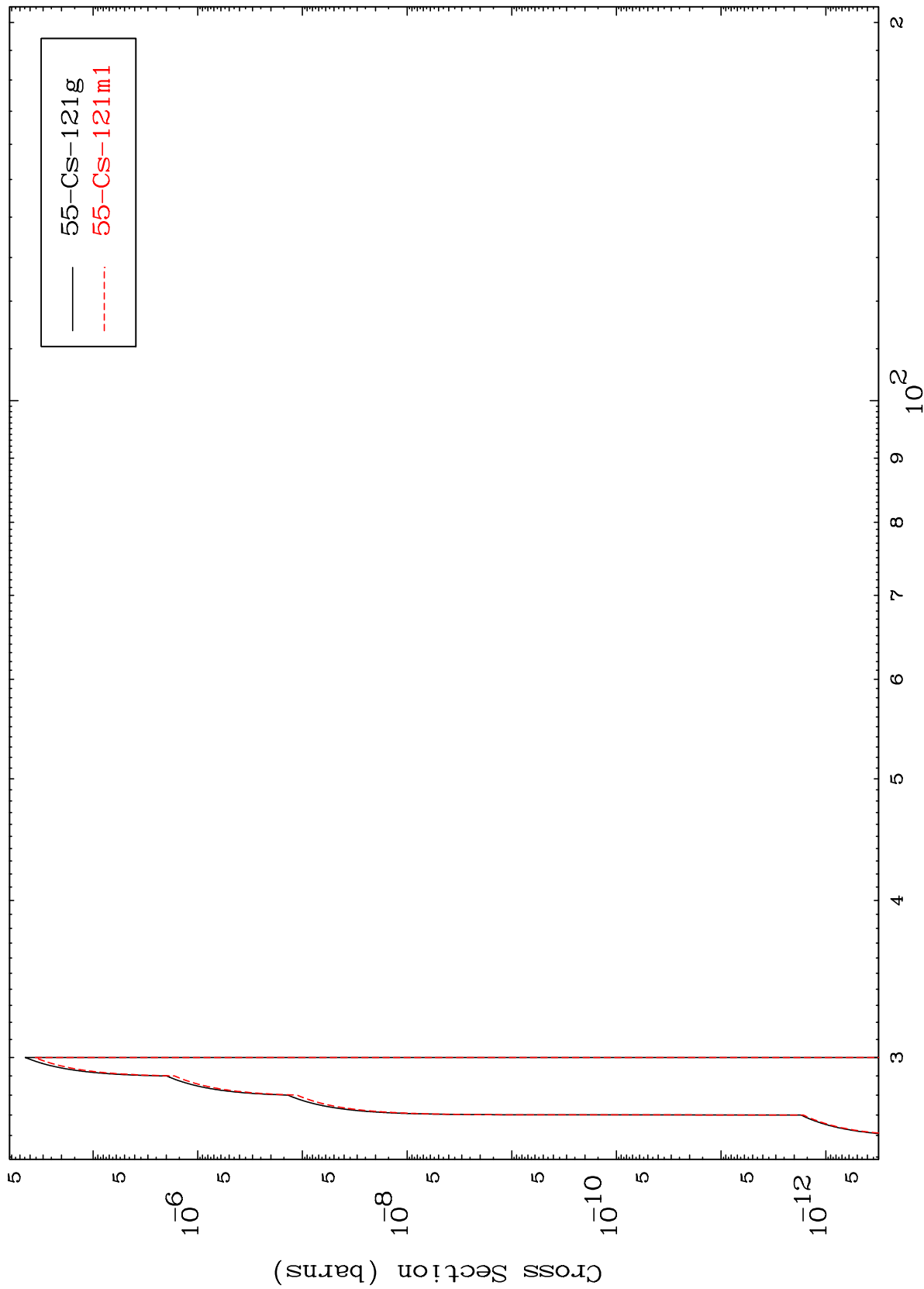
56-Ba-124

MAT 5607

(n,3n) p

56-Ba-124

Radionuclide Production Cross Section



84

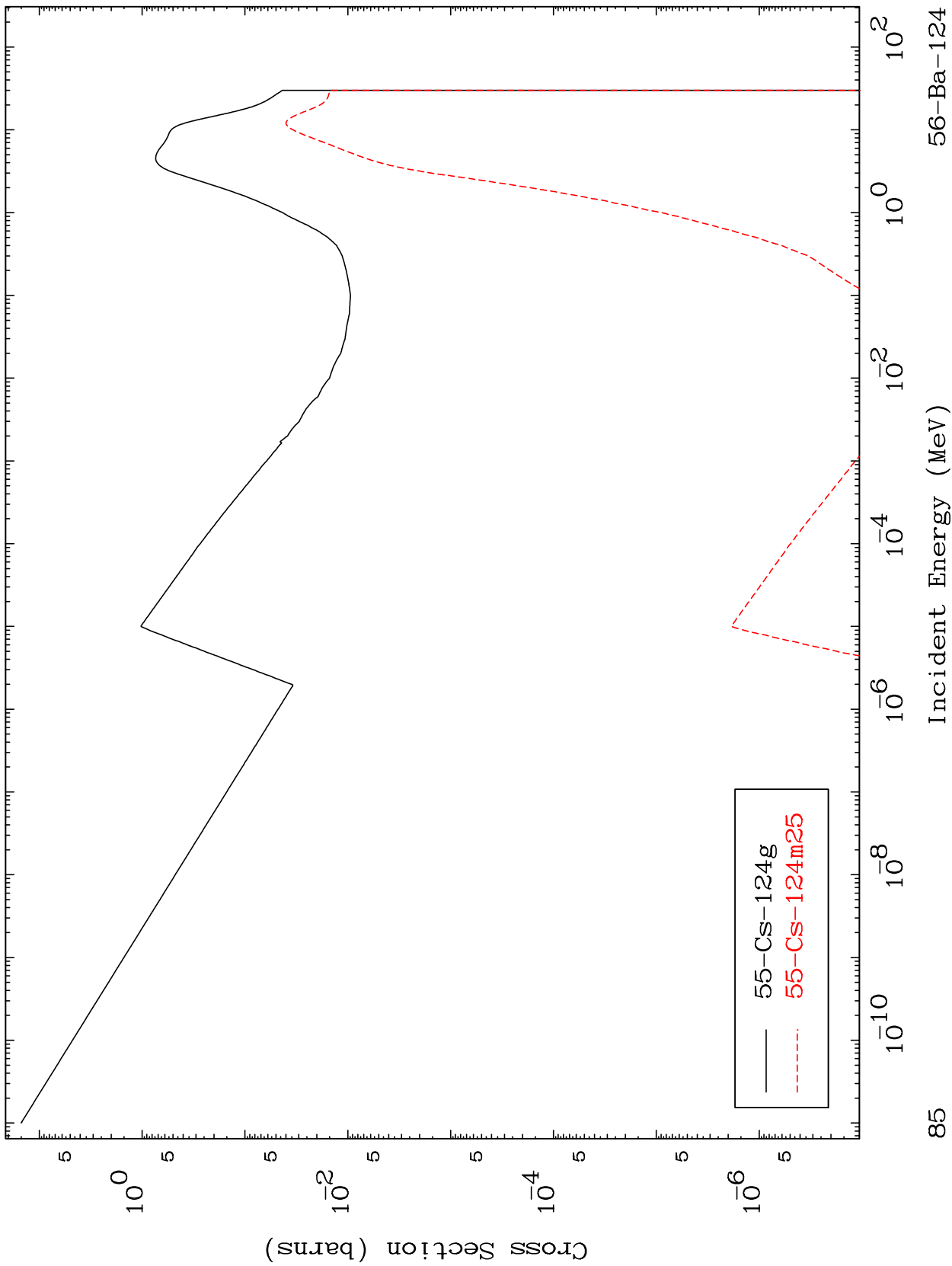
Incident Energy (MeV)

56-Ba-124

MAT 5607

56-Ba-124

Radionuclide Production Cross Section

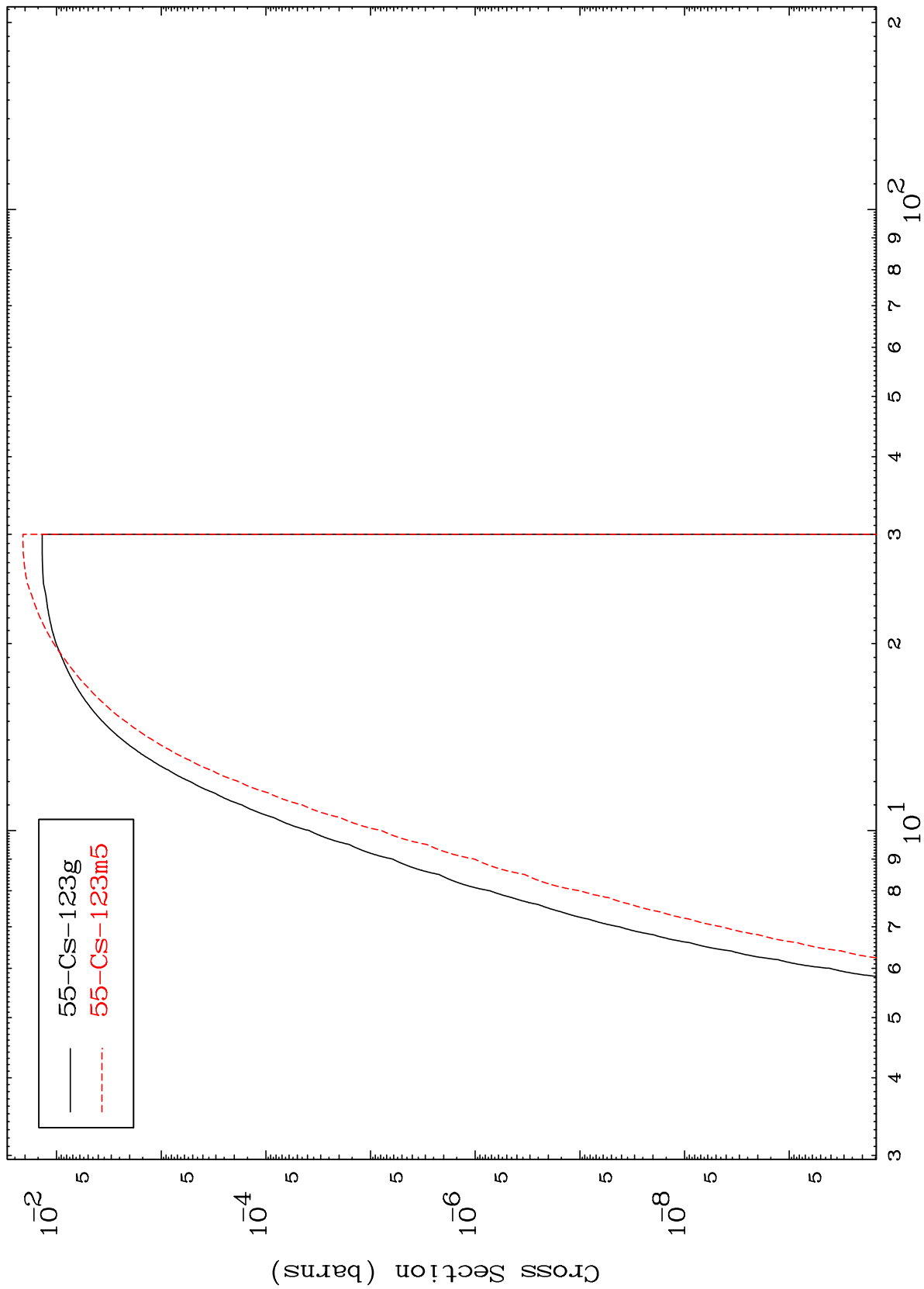


MAT 5607

(n,d)

56-Ba-124

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

86

Incident Energy (MeV)

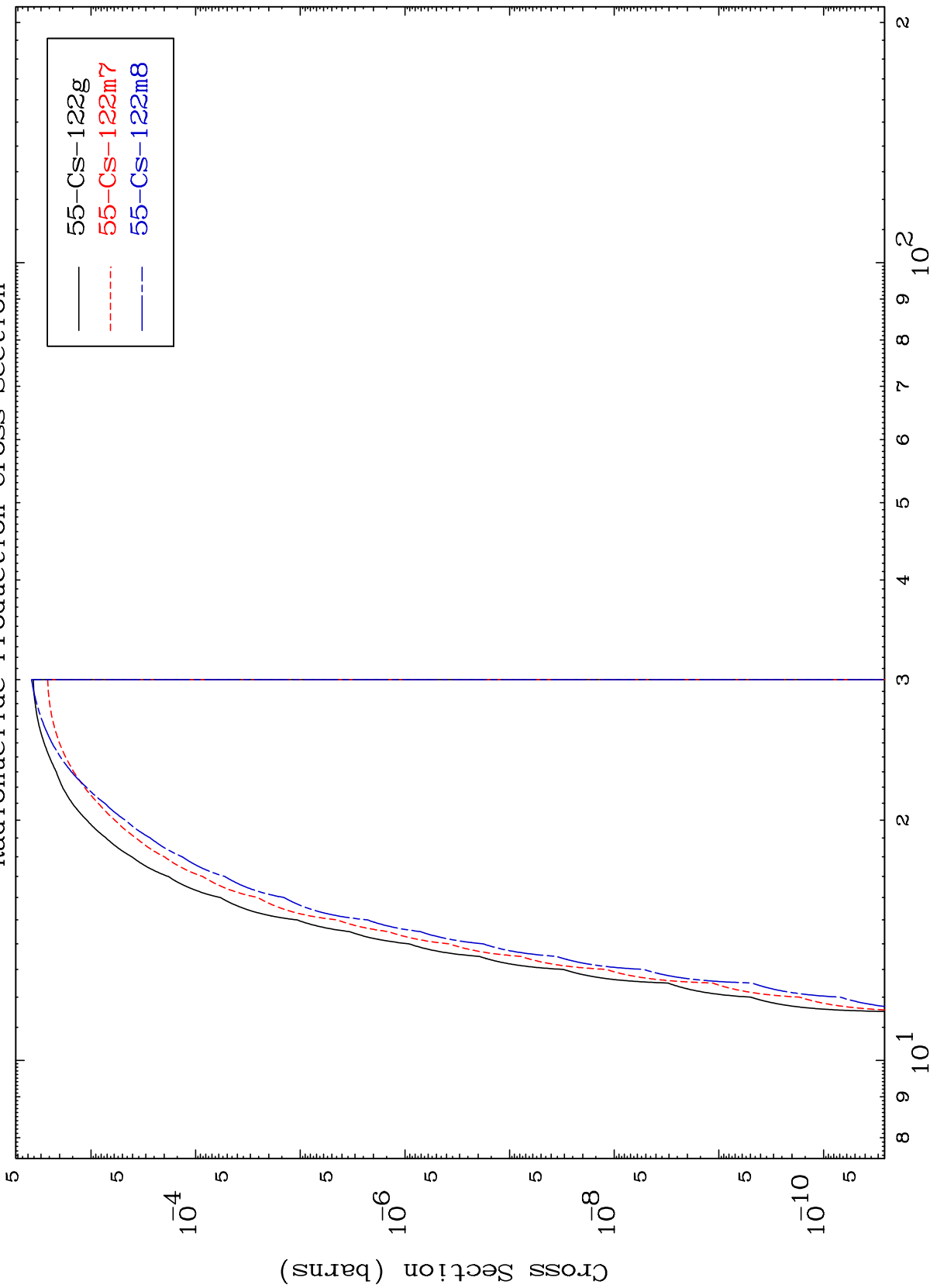
56-Ba-124

MAT 5607

(n, t)

56-Ba-124

Radionuclide Production Cross Section



87

Incident Energy (MeV)

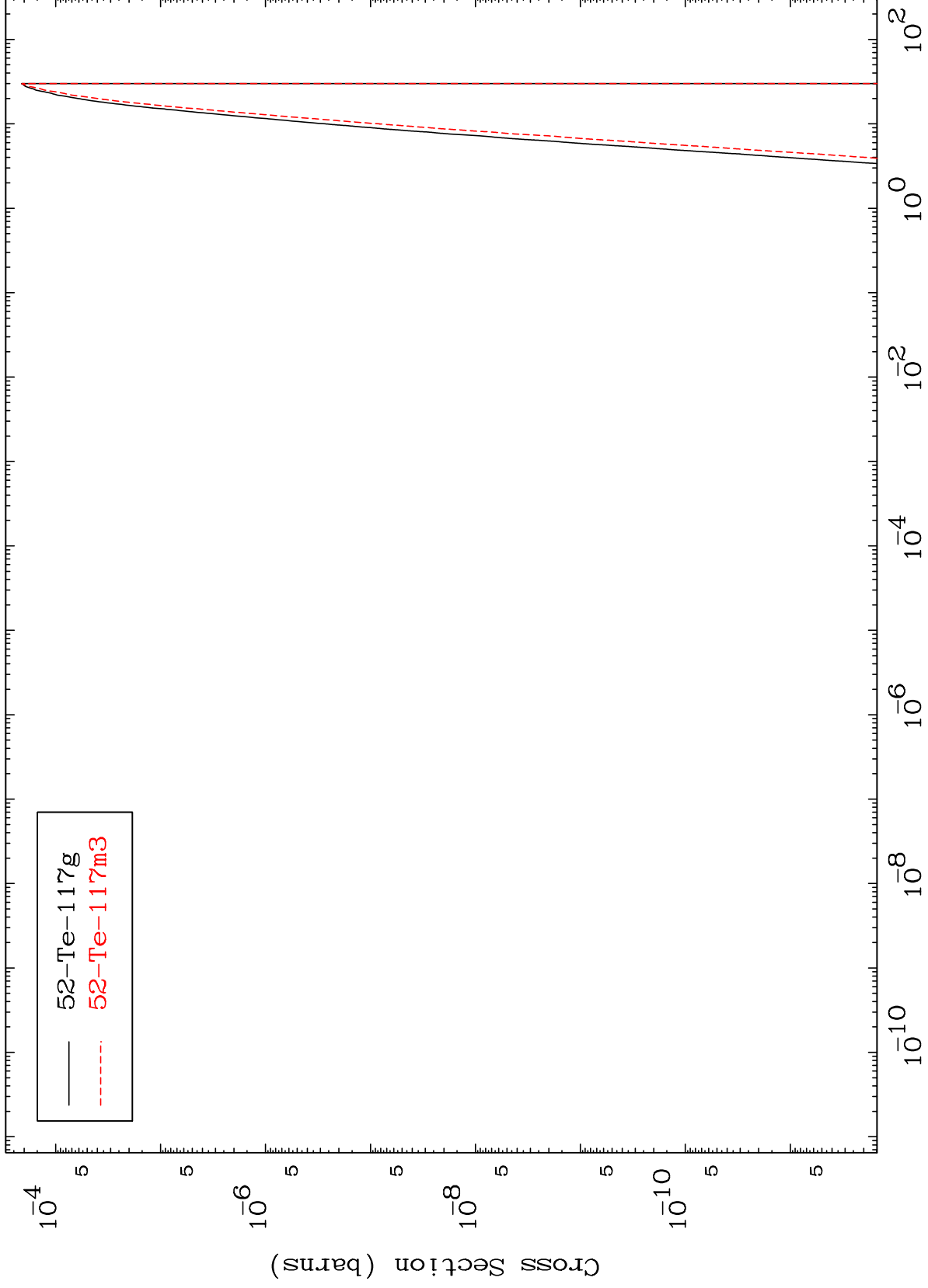
56-Ba-124

MAT 5607

(n,2α)

56-Ba-124

Radionuclide Production Cross Section

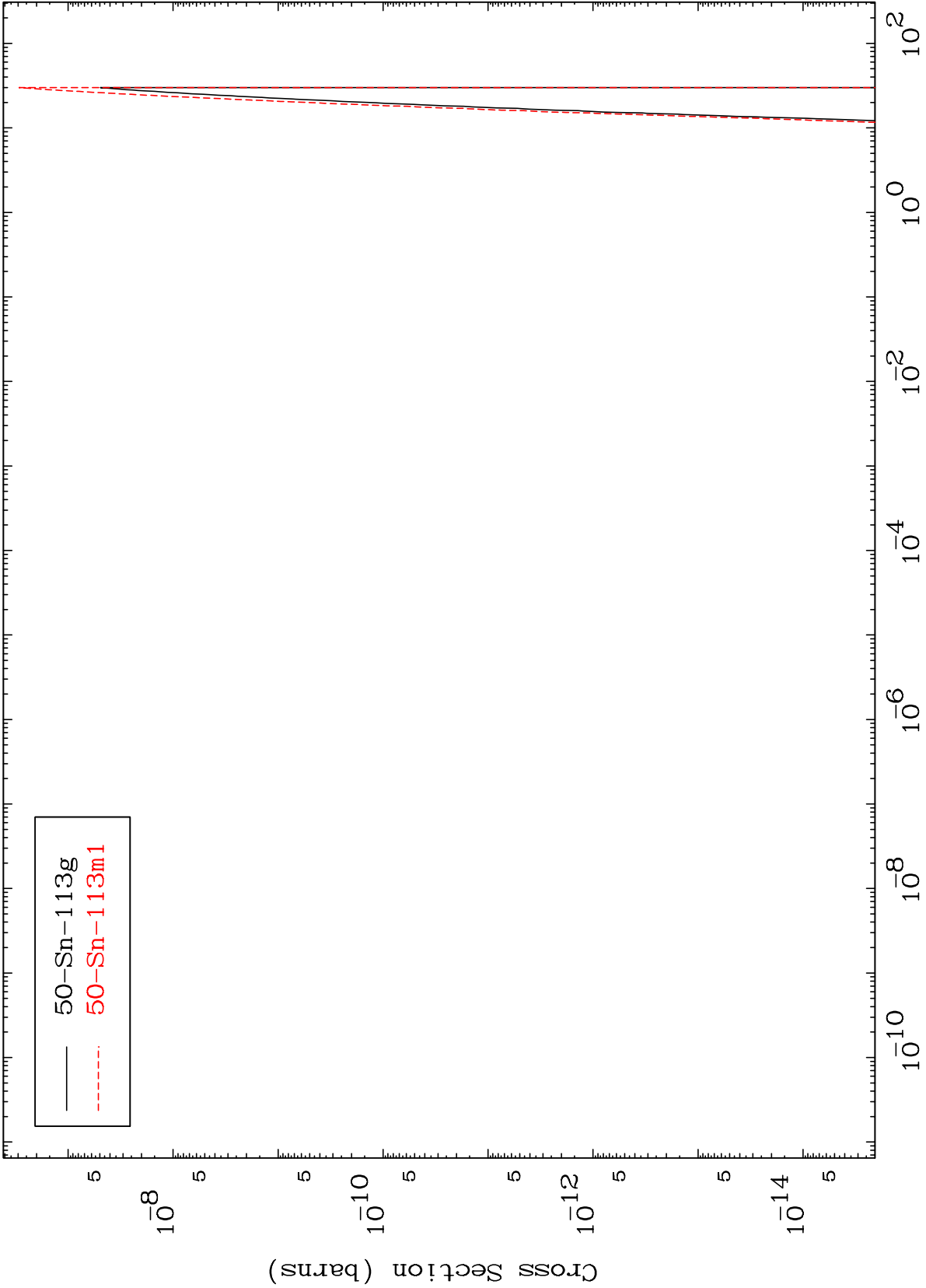


MAT 5607

(n,3 α)

56-Ba-124

Radionuclide Production Cross Section



89

Incident Energy (MeV)

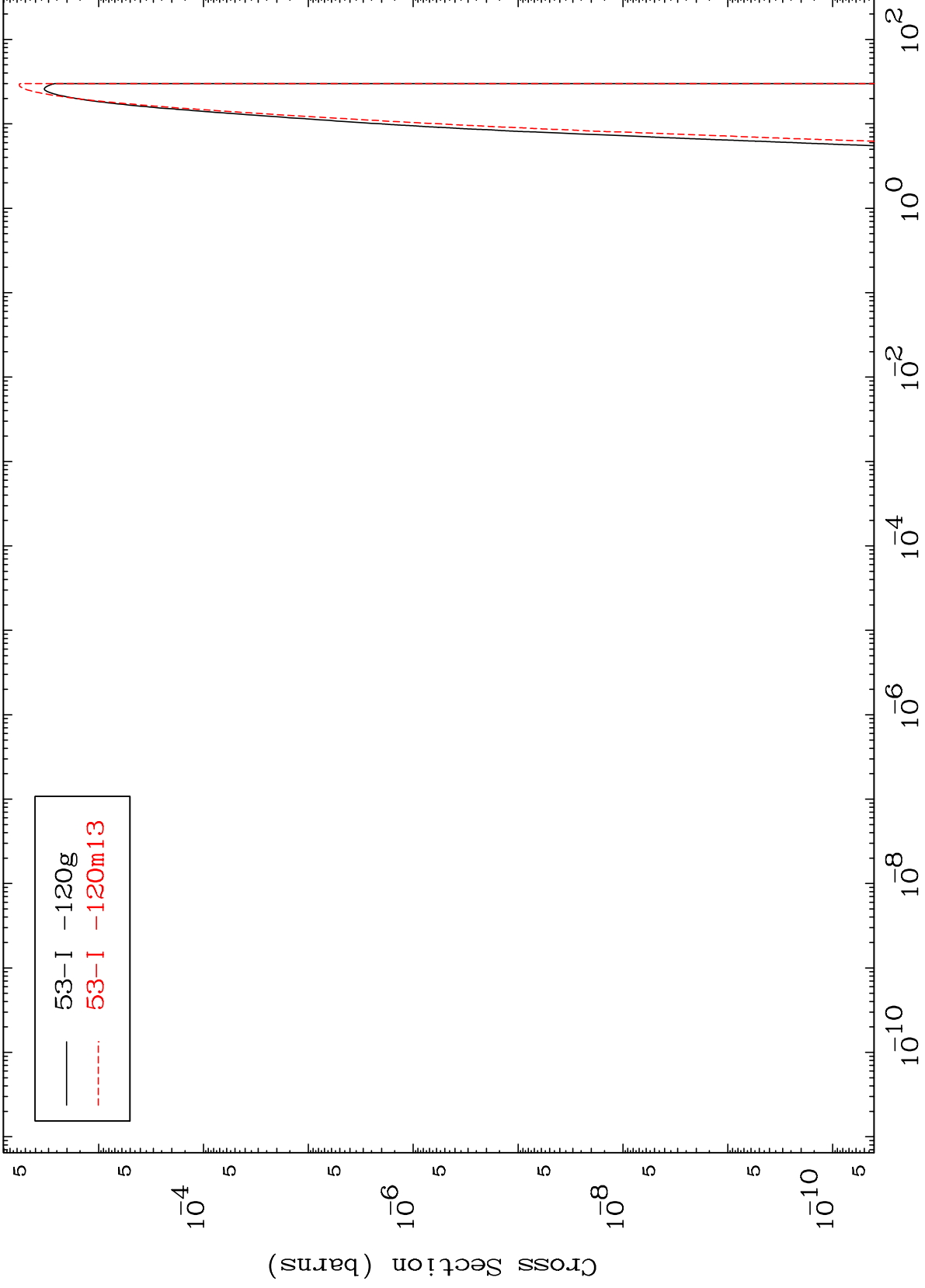
56-Ba-124

MAT 5607

(n,p) α

56-Ba-124

Radionuclide Production Cross Section



90

Incident Energy (MeV)

56-Ba-124